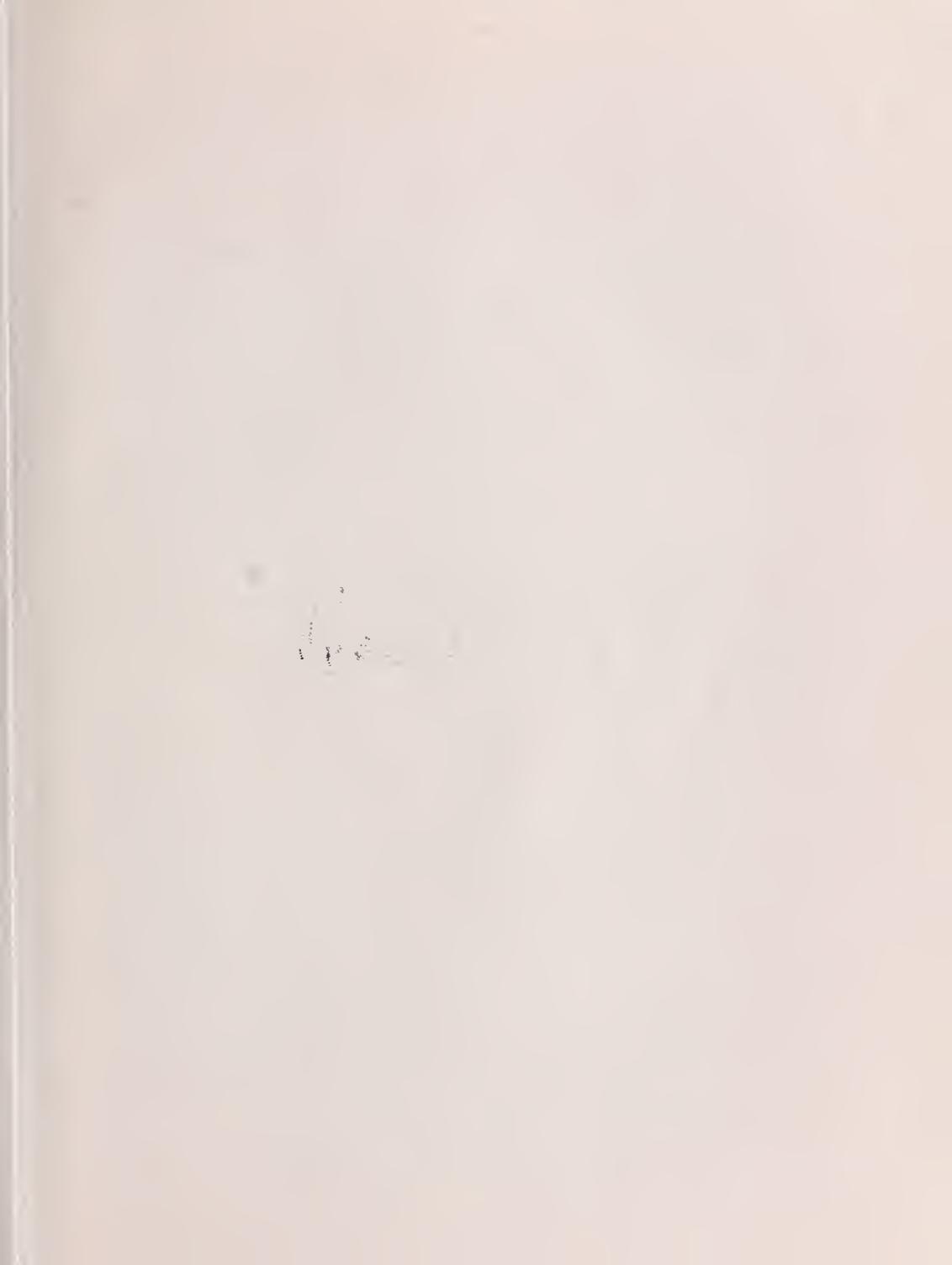




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The Resources Agency

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BULLETIN No. 179-74

WATERMASTER SERVICE  
IN THE  
WEST COAST BASIN

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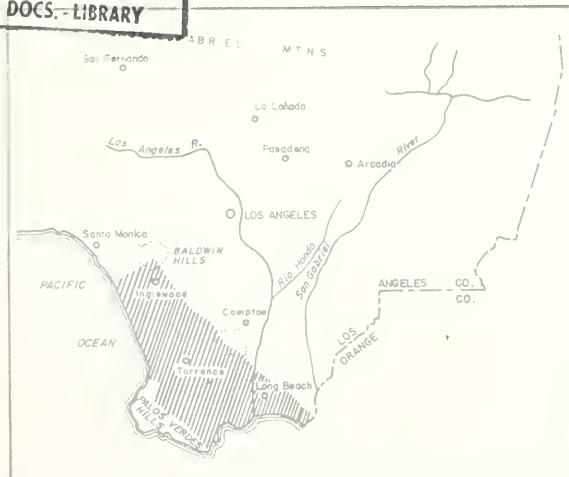
FOR PERIOD

OCTOBER 1, 1973

THROUGH

SEPTEMBER 30, 1974

DECEMBER 1974



NORMAN B. LIVERMORE, JR.  
Secretary for Resources  
The Resources Agency

RONALD REAGAN  
Governor  
State of California

JOHN R. TEERINK  
Director  
Department of Water Resources



STATE OF CALIFORNIA  
The Resources Agency  
Department of Water Resources

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DEPARTMENT OF WATER RESOURCES

Ronald Reagan, Governor  
Norman B. Livermore, Jr., Secretary for Resources  
John R. Teerink, Director, Department of Water Resources  
Robert G. Eiland, Deputy Director

SOUTHERN DISTRICT

Jack J. Coe . . . . . District Engineer and Watermaster  
Mitchell L. Gould . . . . . Chief, Operations Branch and Deputy Watermaster

Watermaster service in this area was conducted  
and report prepared under the direction

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## FOREWORD

The Department of Water Resources, as Watermaster for the West Coast Basin, submits this annual report as a comprehensive review of water supply conditions in the Basin during the 1973-74 water year. The report was prepared for the Los Angeles County Superior Court and for the parties to the West Coast Basin Judgment, whose provisions authorize its publication.

The West Coast Basin is administered by the Department as a Watermaster Service Area in accordance with Part 4, Division 2, of the California Water Code. The Basin has been operating for several years under a well-defined management plan that limits and monitors ground water extractions.

This report contains information on ground water extractions, use of imported water, recharge operations, the administration of the exchange Water Pool, and a financial report on Watermaster Service during the 1973-74 water year.

*Jack J. Coe*

Jack J. Coe  
District Engineer  
Southern District  
and Watermaster  
Reg. C. E. No. 8075

## CONTENTS

	<u>Page</u>
ORGANIZATION . . . . .	2
FOREWORD . . . . .	3
I. THE WEST COAST BASIN . . . . .	7
History of Water Resources Development . . . . .	7
Watermaster Service . . . . .	8
Summary of Operating Conditions . . . . .	9
II. WATER SUPPLY . . . . .	11
Precipitation . . . . .	11
Ground Water Recharge . . . . .	11
Water Wells . . . . .	12
Sea-water Intrusion Barrier Projects . . . . .	13
Ground Water Levels . . . . .	16
In Lieu Replenishment . . . . .	16
Water Quality . . . . .	16
Basinwide Water Quality Monitoring . . . . .	23
Construction Projects Affecting Water Supply . . . . .	23
III. WATER USE . . . . .	25
Ground Water Extractions . . . . .	27
Extractions by Nonparties and Parties with	
No Adjudicated Rights . . . . .	29
Imported Supplies . . . . .	29
Exported Supplies . . . . .	29
IV. ADMINISTRATION OF THE JUDGMENT . . . . .	35
Exchange Pool . . . . .	35
Transfers of Adjudicated Rights . . . . .	36
Overextractions . . . . .	36
Carryover of Adjudicated Right . . . . .	38
V. ADMINISTRATIVE COSTS . . . . .	41

## APPENDIXES

A	Adjudicated Right of West Coast Basin Parties, September 30, 1974, and Copies of Documents Substan- tiating Transfers of Adjudicated Right . . . . .	45
B	Ground Water Extractions . . . . .	69
C	Changes in Well Status 1973-74 . . . . .	75

## Figures

		<u>Page</u>
1	West Coast Basin . . . . .	6
2	Precipitation Stations and Barrier Projects . . . . .	11
3	System for Water Well Identification . . . . .	12
4	West Coast Basin Barrier Project . . . . .	13
5	Fluctuations of Water Level Elevations at Wells in the Silverado Aquifer . . . . .	20
6	Fluctuations of Water Level Elevations at Wells in the Merged Phases of Silverado and Lynwood Aquifers . . . . .	21
7	Fluctuations of Water Level Elevations at Wells in the Upper Pleistocene and Recent Aquifers . . . . .	22
8	Monthly Water Demand and Average Rainfall . . . . .	25
9	Historical Ground Water Extractions and Total Water Use by Parties . . . . .	25

## Tables

1	Spreading Operations . . . . .	11
2	Barrier Operations . . . . .	13
3	In Lieu Replenishment Program . . . . .	16
4	Summary of Water Accounts of Parties, 1973-74 Water Year . . . . .	26
5	Gross Water Use . . . . .	27
6	Extractions by Nonparties and Parties with Zero Adjudicated Rights . . . . .	29
7	Imported Water . . . . .	34
8	Exchange Pool Offers . . . . .	35
9	Exchange Pool Requests . . . . .	35
10	Transfers of Adjudicated Rights . . . . .	37
11	Overextractions . . . . .	39
12	Approved Budget for 1973-74 . . . . .	41
13	Apportionment of Parties' Share of 1973-74 Budget . . . . .	42
14	1973-74 Income and Expenditures . . . . .	44

## Plates

1	Location of Wells and Precipitation Stations . . . . .	14-15
2	Lines of Equal Water Level Elevation at Wells in the Silverado Aquifer, Spring 1974 . . . . .	17
3	Lines of Equal Water Level Elevation at Wells in the Silverado Aquifer, Fall 1974 . . . . .	18
4	Lines of Equal Change in Water Level Elevations at Wells in the Silverado Aquifer, Fall 1973 to Fall 1974 .	19
5	Water Service Areas of Municipal, Mutual and Public Utility Water Service Agencies, September 1974 . . . . .	30-31
6	Water Service Areas of Individual Producers, September 1974 . . . . .	32-33

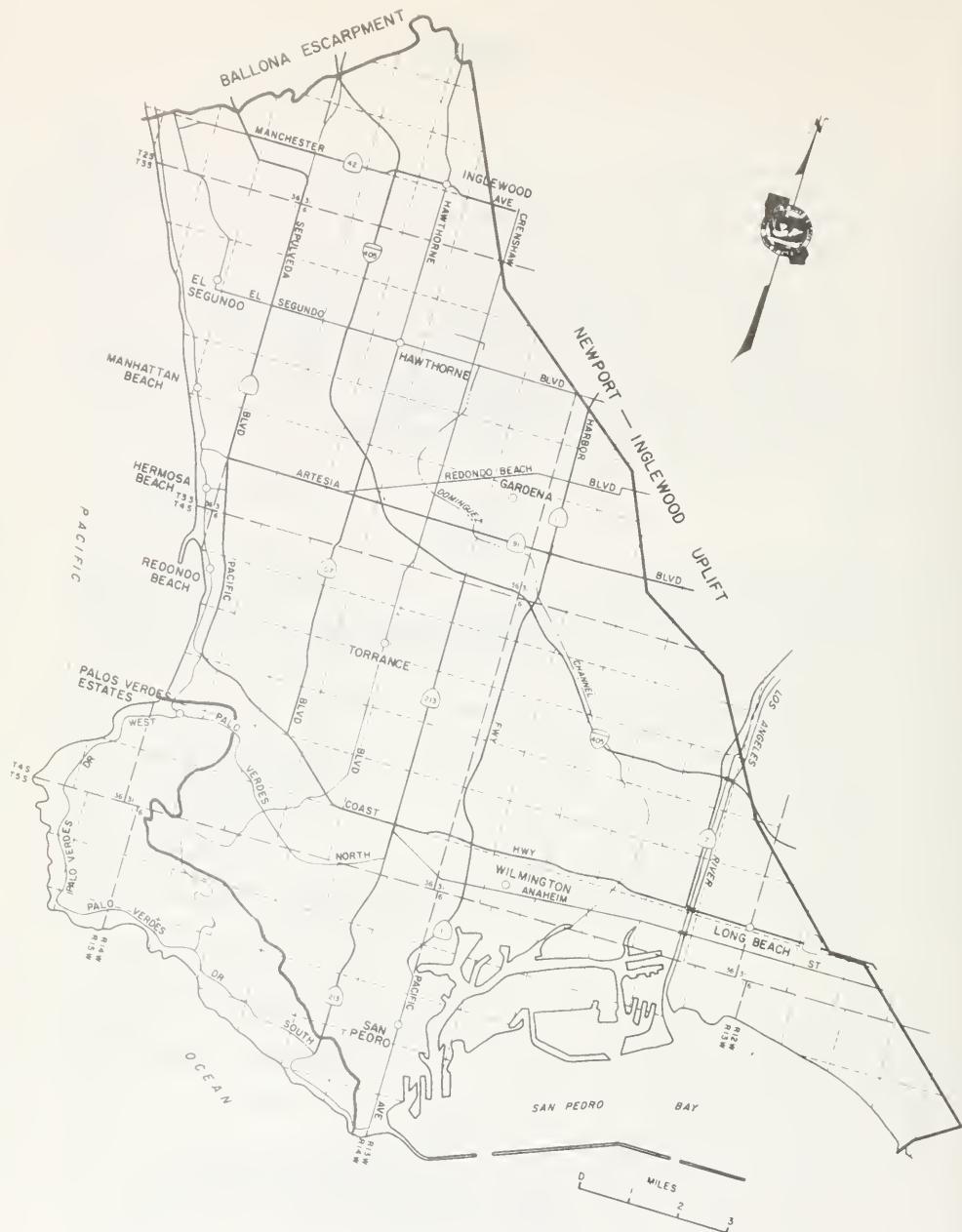


Figure I. WEST COAST BASIN

## I. THE WEST COAST BASIN

The West Coast Basin is a relatively small ground water basin underlying the southwestern part of the Los Angeles Coastal Plain. It is bounded on the south and west by the Pacific Ocean, on the north by the Ballona Escarpment, and on the east by the Newport-Inglewood Uplift. The Basin's 160 square miles includes 19 incorporated cities. A substantial portion of the water needed by these communities can be pumped directly from the ground water in storage beneath them.

Some 21 years ago, when an incursion of sea water caused by declining water levels threatened the quality of the ground water supply, timely legal action was begun to halt the overdraft and prevent serious damage to the Basin. Today ground water use in the Basin is monitored by a court-appointed Watermaster whose primary job is to control ground water use and report all significant water-related events in the Basin to the Superior Court in Los Angeles County and parties to the West Coast Basin Judgment. The Basin has been operated under the management of a Watermaster for 13 years.

### History of Water Resources Development

The absence of adequate surface water supplies in the West Coast Basin forced the early development of ground water sources. In 1870, the communities of Inglewood and Long Beach had tapped the artesian wells and springs east of the Newport-Inglewood Uplift. When the artesian wells ceased to flow, water users were forced to drill shallow wells. By 190<sup>4</sup>, about 100 wells were producing 10,000 acre-feet annually. The techniques used to develop ground

water were advanced dramatically in 1909 with the advent of the deep-well turbine pump. Its tremendous adaptability and superior operating characteristics gave countless users access to efficient water wells. Dependable sources of water attracted industry and agriculture and in time the demand for water exceeded the rate at which the Basin was being replenished naturally. The resulting overdraft was clearly shown by falling ground water levels and increasing sea-water intrusion. Water levels throughout the Basin dropped below sea level in the 1920's. Wells along Santa Monica Bay were abandoned by 1920 because the water was too salty to use. By 1932, the entire coastal reach of the Basin had been invaded by sea water.

Ground water deterioration continued until in 1945 the California Water Service Company, the City of Torrance, and the Palos Verdes Water Company filed suit in Superior Court, Los Angeles County. Their objectives: to quiet title to the ground water rights of each pumper and to establish control over ground water extractions from the Basin. Other organizations moved to support the litigations and the West Basin Water Association was formed in 1946. A plan to manage the Basin's water resources was set up to:

- 1) Provide a supplemental supply for major producers
- 2) Limit ground water extractions
- 3) Create an exchange pool to provide pumping rights for users not having access to supplemental water.

The first of these steps was realized in 1947 when the West Basin Municipal Water District (WBMWD) was formed to distribute water from the Colorado River. WBMWD was annexed to The Metropolitan Water District of Southern California (MWD) in 1948, and Colorado River water began flowing into the West Coast Basin.

The second and third steps began when the Court held its preliminary hearings in 1946 to define the ground water problem and outline areas in which more information was needed. The Court then asked the California Division of Water Resources, now the Department of Water Resources (DWR), to define the boundaries and determine the geohydrologic characteristics of the West Coast Basin. Division personnel spent six years analyzing the physical properties of the Basin. The major water producers also retained an "Engineering Advisory Committee" to aid the investigation.

As more information became available, the full magnitude of the problem became evident. In 1949, an amended complaint added 340 parties to the suit. A "Report of Referee" was filed with the Court on September 15, 1952.

Several years passed before water users became sufficiently alarmed by ground water conditions to draft an Interim Agreement that reduced ground water extractions until a final Judgment was approved. The Court approved the Agreement and appointed the Division of Water Resources as Watermaster to administer it.

A "Final Report of Referee" filed on June 8, 1961, included data on ground water conditions between 1950 and 1956. The Report provided the information needed to draft the final Judgment. On August 18, 1961, after 16 years of litigation, the Court rescinded the Interim Agreement and signed the West Coast Basin Judgment. The new Judgment retained DWR as Watermaster.

A second suit, often called the American Plant Growers Case, was filed on October 31,

1956. As a result, 76 additional parties were placed under the jurisdiction of the Court on March 24, 1966. Appendix A lists all parties originally under jurisdiction of the Court and all successors in interest.

#### Watermaster Service

DWR forms Watermaster Service Areas at the request of water users or by order of the Superior Court. Cost of the service is shared equally by the State and the participating users.

Once a month, every ground water pumper reports his extractions to the Watermaster and each water right account is revised by computation of the amount pumped during the previous month, the total amount pumped thus far during the current water year, and the amount that can legally be pumped during the remainder of the water year. Each pumper receives an updated copy of his account every month.

Accurate measurement of ground water extractions is absolutely necessary to the success of the Basin's management plan. Therefore, the field staff calibrates the water meter on every active water well at least once every two years. Every available means, including system efficiency tests, are used to confirm water meter test results. Inaccurate meters must be repaired in 30 days. Follow-up tests on repaired meters and initial tests on new wells are scheduled whenever necessary.

Once each fall and once each spring of each water year the depth to the static ground water level is measured in about 350 water wells in the Basin. The measurements are used to prepare "fall" and "spring" contour maps of ground water surface and "fall-to-fall" maps of areas of equal elevation change over a one-year period.

### Summary of Operating Conditions

Since 1966-67, the water supply and water use conditions have continued to remain stable. In 1973-74, total water use decreased by one percent as compared to the prior year. Ground water extractions have also remained stable over a longer period averaging about 62,000 acre-feet annually since 1958-59. Growth in water requirements has been met by new supplemental sources and the trend is for continued increase in imported water use.

Rainfall was 92 percent of normal and was 28 percent less than the prior year. This was not reflected in an increase in total water use.

Exchange Pool Water requests totaling 486 acre-feet were 52 acre-feet greater than the prior year and sold at \$27.73/acre-foot. Water right leases

during the same period totaled 29 and amounted to 12,645.00 acre-feet. There were four sales of water rights amounting to 194.40 acre-feet.

In the 1973-74 water year, 12 parties overextracted a total of 147.59 acre-feet. Of these, seven parties overextracted by less than the 10 percent or 2 acre-feet limitation set by the Judgment. The five parties in violation of the Judgment leased or purchased sufficient water to offset their overextractions and meet their 1974-75 water needs. As a result, the Watermaster recommends that no action be brought before the Court against the five parties.

The summary below compares statistics for the last two water years and confirms that operating conditions are virtually unchanged from the prior water year.

Item	Water Year : 1972-73	Water Year : 1973-74
Parties	77	76
Active pumpers	43	42
Active nonparties	5	4
Adjudicated Right, in acre-feet	64,468.25	64,468.25
Watermaster expenses, total	\$ 44,946.74	\$ 45,405.71
Watermaster expenses per acre-foot pumped	\$ .74	.82
Rainfall, in inches	16.29	11.77
Injection at barrier project, in acre-feet	36,616.00	35,370.00
Extractions, in acre-feet	60,477.84	54,966.10
Imports, in acre-feet	247,999.00	251,931.00
Exports, in acre-feet	- 11,323.00	- 12,055.90
TOTAL WATER USE, in acre-feet	297,153.84	294,841.20



## II. WATER SUPPLY

Water from several sources serves Southern California -- Colorado and Owens Rivers water, Northern California water via the State Water Project, mountain runoff, and ground water.

### Precipitation

Typically sparse rainfall has little influence on the ground water supply of the West Coast Basin. Impermeable material lying between the surface and the producing aquifers prevents almost all rainfall from reaching zones from which it could be pumped to the surface. Longtime average precipitation is 12.73 inches per year. Average for the 1973-74 water year was 92% of that amount. Locations of precipitation stations used to measure rainfall in the Basin are shown in Figure 2.

### Ground Water Recharge

Natural replenishment of the Basin's ground water supply is limited to underflow from the Central Basin, which bounds the West Coast Basin on the east.

TABLE I. SPREADING OPERATIONS<sup>a/</sup>

Water source	Quantity (in acre-feet)	1972-73	1973-74
Local runoff	44,039 <sup>b/</sup>	79,708 <sup>b/</sup>	
Hercules water			
Whittier Narrows	13,627	13,436	
San Jose	8,377	7,957	
MWD water purchased <sup>c/</sup>			
With "WOG" Fund	71,061	59,000	
By "2000"	26,000	20,800	
Makeup water from Upper			
San Gabriel Basin	0	0	
<b>TOTAL</b>	<b>150,731</b>	<b>130,811</b>	

a/ Information provided by LACWD as to amount actually spread in Montebello/Foothills Area.  
b/ Initial amount.  
c/ Amount purchased is slightly higher due to percolation losses, evaporation, etc.  
d/ With funds from Long Beach action.

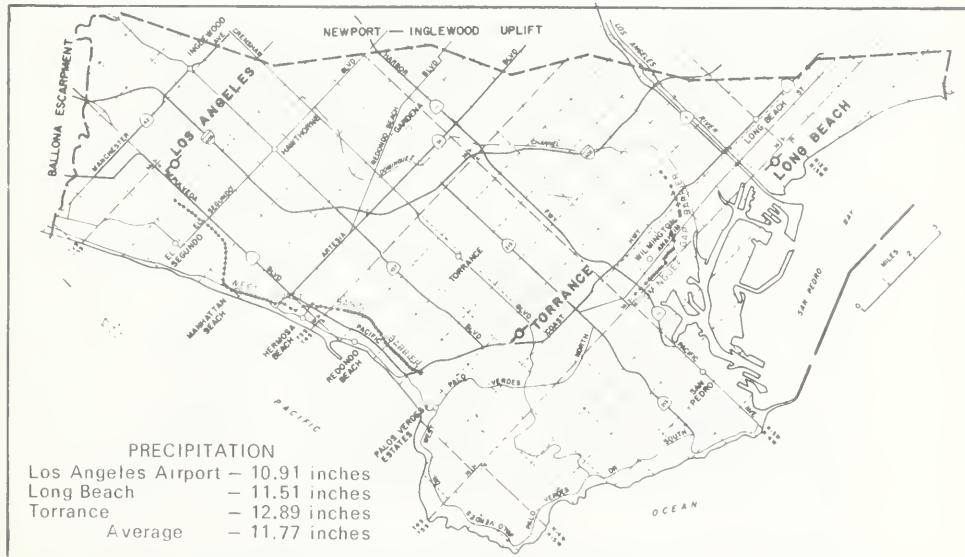


Figure 2. PRECIPITATION STATIONS AND BARRIER PROJECTS

Water spread in the Central Basin percolates into aquifers there and eventually some crosses the Newport-Inglewood Uplift to supplement the ground water supply in the West Coast Basin. Although the water is not directly applied to the West Coast Basin, this process returns large quantities of water to the ground and substantially increases natural subsurface flow from the Central to the West Coast Basin. Effectiveness of the process is limited to the space available in one basin for spreading facilities and the other basin's capability to accept the water. The entire spreading operation is summarized in Table 1. MWD water is no longer purchased with Los Angeles County Flood Control District (LACFCD) Zone 1 funds

because assessments for the fund were terminated on June 30, 1972.

#### Water Wells

In the 1973-74 water year the West Coast Basin contained 816 wells: 108 active and 126 inactive; 121 injection and 461 observation. Plate 1 shows the location and status of wells as of the end of the water year. No well was drilled and 4 were destroyed. Appendix C lists those destroyed wells.

A numbering system designated as a State Well Number is assigned to all water wells for identification in the Basin (Figure 3).

State well numbers that identify each water well in the West Coast Basin are derived from a system based on the U. S. Public Land Survey. Each number consists of township and range designation, a section number, a letter representing the 40-acre tract in which the well is situated, a sequence number indicating the chronological order in which the well number was assigned, and a letter repre-

sending the base and meridian. The last letter is frequently omitted from well numbers in a single area because all wells there share a single base and meridian. Well numbers are assigned by the Watermaster.

The components of well No. 4S/14W-13D06S, for example, are identified in the following breakdown:

Township	Range	Section	Tract	Sequence number	Base and meridian
4S	14W	13	D	06	S

The derivation of the components is illustrated below.

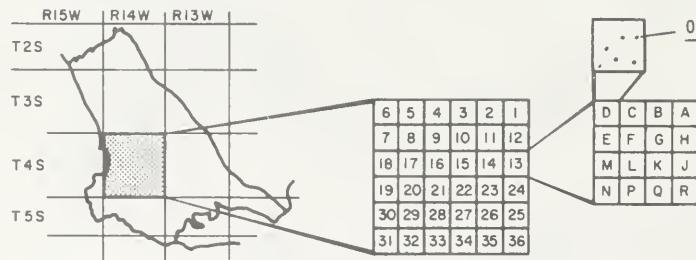


Figure 3. SYSTEM FOR WATER WELL IDENTIFICATION

## Sea-water Intrusion Barrier Projects

Sea-water intrusion in the West Coast Basin along Santa Monica Bay has been effectively halted by a barrier project consisting of a line of 92 injection wells that parallel the coast between the Los Angeles International Airport and the Palos Verdes Hills. LACFCD, which operates the project, injects filtered Colorado River water into the barrier to create a pressure ridge that impedes the inland movement of a salt-water front and maintains protective ground water elevations in the Silverado and "200-foot sand" aquifers. Water for the barrier is purchased by the Central and West Basin Water Replenishment District (CWBWRD) and delivered by MWD. Scope of the project is shown in Figure 4, which illustrates the extent to which sea water has intruded into the merged phases of the Silverado aquifer. In January 1973, Northern California water was injected for seven days and resumed in September 1974.

A second barrier to sea-water intrusion was built by LACFCD along San Pedro Bay. This project, called the Dominguez Gap barrier project, started operations during February 1971 and operates in a manner similar to the West Coast Basin barrier project. The project has 29 injection wells located as shown in Figure 2. Table 2 gives additional data on the barrier projects. In January 1973, Northern California water was injected for seven days and resumed in September 1974.

TABLE 2. BARRIER OPERATIONS <sup>a/</sup>

Operation	West Coast Basin	Dominguez Gap
Quantity injected, in acre-feet	27,541	7,829
Average injection rate, cubic feet per second	38.04	11.51
Number of injection wells	96	29
Number of observation wells	264	197
Number of injection wells to be added during 1974-75 water year	11	0
Number of observation wells to be added during 1974-75	3	19

s/ Information provided by the Los Angeles County Flood Control District.

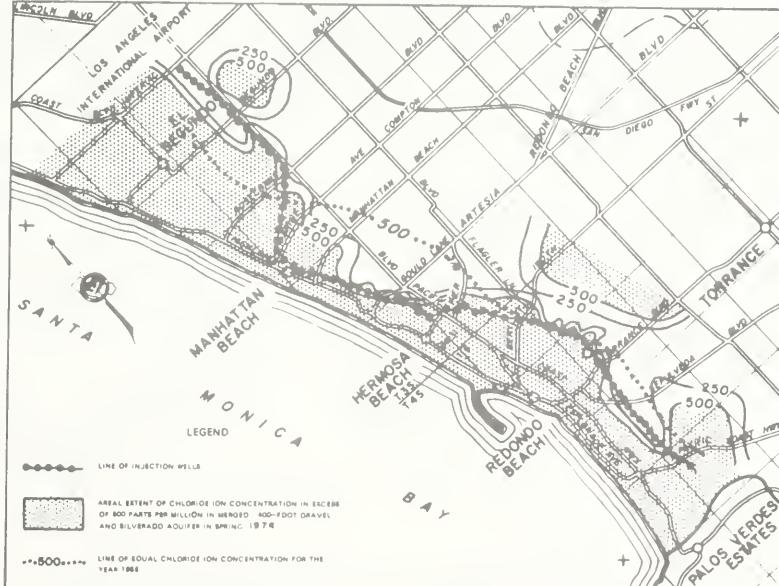
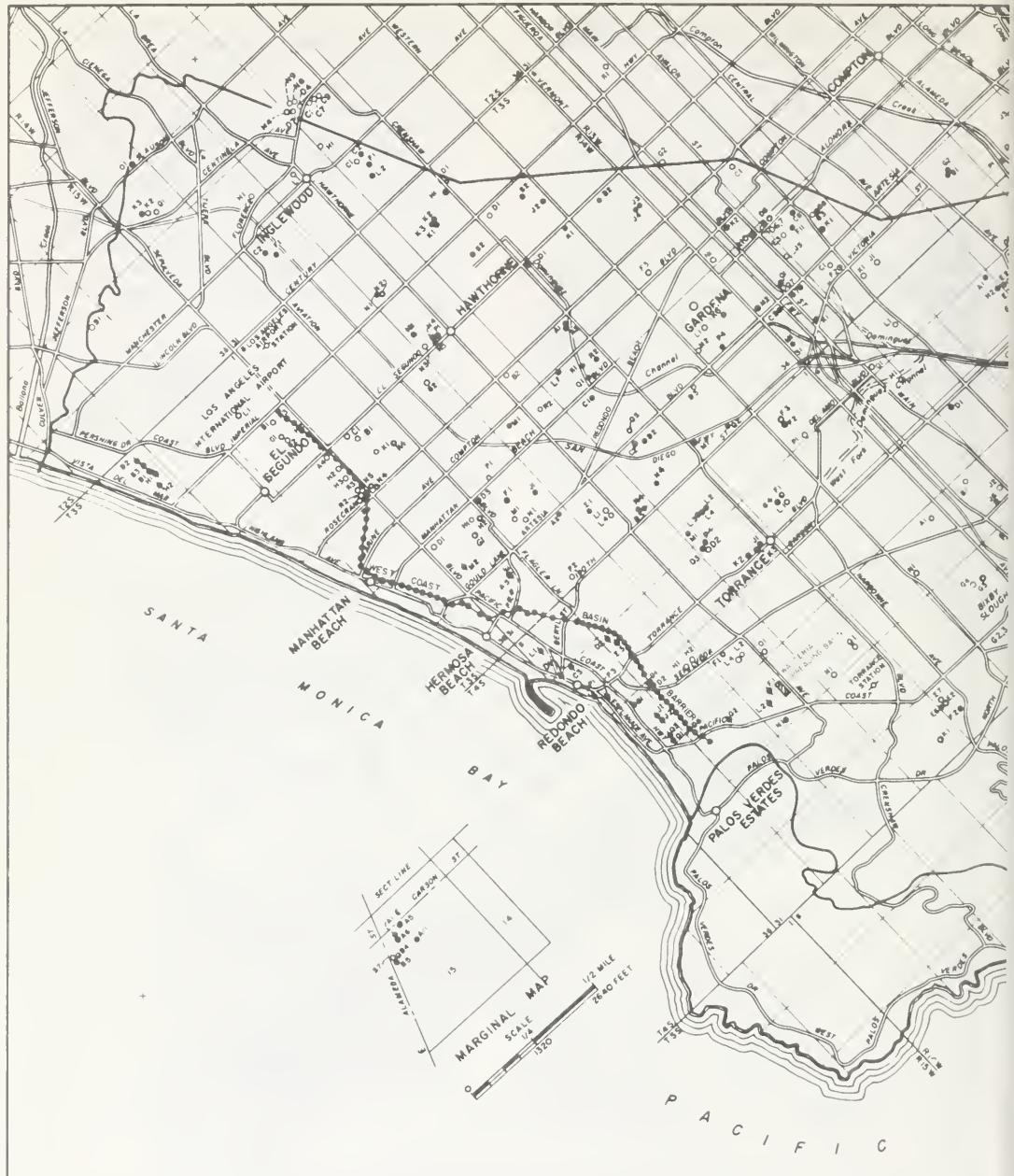
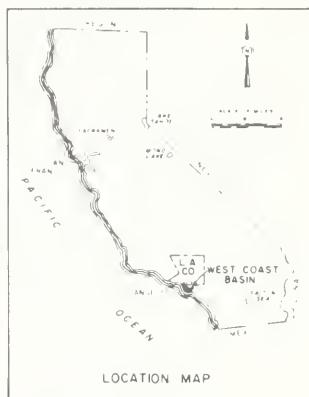


Figure 4. WEST COAST BASIN BARBIEP PROJECT





## LEGEND

- BASIN BOUNDARY
- ACTIVE WELLS OF PARTIES
- INACTIVE WELLS OF PARTIES
- ◎ ACTIVE WELLS OF NONPARTIES
- INACTIVE WELLS ON WHICH CONTINUOUS RECORDER MEASURING WATER LEVELS ARE MAINTAINED BY D.W.R.
- INACTIVE WELLS ON WHICH CONTINUOUS RECORDER MEASURING WATER LEVELS ARE MAINTAINED BY PARTIES.
- ◆ LOS ANGELES COUNTY FLOOD CONTROL DISTRICT OBSERVATION WELLS
- ◆◆◆ LINE OF INJECTION WELLS
- PRECIPITATION STATION
- ▨ SPREADING GROUNDS

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
SOUTHERN DISTRICT

WEST COAST BASIN WATERMASTER SERVICE

LOCATION OF WELLS  
AND  
PRECIPITATION STATIONS

SCALE OF MILES  
1974

### Ground Water Levels

The volume of ground water stored in the West Coast Basin is constantly changed by variations in subsurface inflow and outflow, artificial recharge, extractions, and in precipitation, to a lesser degree. The Silverado aquifer, underlying most of the West Coast Basin, is the most productive aquifer in the Basin. Ranging from 100 to 500 feet in thickness, it yields from 80 to 90 percent of the ground water extracted annually.

Measurements of ground water surface elevations (Plates 2 and 3) and the summarization of changes in water level elevations (Plate 4) demonstrate an increase in storage along the northern part of the Basin, where extractions have been reduced, and a decrease in storage in the southeastern area, where extractions have increased. The hydrographs of selected wells representative of the various aquifers underlying the Basin show that the water surface has stabilized (Figures 5, 6, 7). In some cases, it has risen slightly, due to recharge operations and changing extraction patterns.

### In Lieu Replenishment

During the 1965-66 water year, CWBWRD, began a program of in lieu replenishment. By contract with it, any producer with access to supplemental water may use it instead of water pumped from the ground. The program may be used to:

- 1) Alter pumping patterns within a ground water basin;
- 2) Replenish areas of low transmissibility where conventional recharge techniques are ineffective;
- 3) Heighten the effect of injecting water to form a sea-water barrier by reducing nearby extractions;
- 4) Reduce the amount of replenishment water purchased by CWBWRD;
- 5) Reduce the annual ground water extraction from the West Coast Basin.

When CWBWRD first announced its intention to begin in lieu replenishment, several West Coast Basin producers expressed an interest. However, the only producer to participate so far has been the California Water Service Company. The in lieu replenishment program is an effective basin management tool which, if expanded, could obtain significant beneficial results. CWBWRB, 7439 East Florence Avenue, Downey, California, 90240, is a source of additional information.

TABLE 3 IN LIEU REPLENISHMENT PROGRAM <sup>3/</sup>

Water year	Amount contracted (in acre-feet)	Contract price (dollars per acre-foot)	Total Payment
1965-66	744.59	\$ 12.33	\$ 9,180.79
1966-67	850.57	14.14	12,027.04
1967-68	850.00	13.34	11,356.00
1968-69	850.00	14.25	12,112.50
1969-70	899.88	15.32	13,784.16
1970-71	881.30	17.83	15,713.58
1971-72	755.55	20.01	15,118.56
1972-73	901.28	20.78	18,728.60
1973-74	901.32	13.69	12,339.07

a/ Information provided by CWBWRD.

### Water Quality

Providing good quality ground water for the West Coast Basin depends on a great extent on the use of correct water-well construction methods. Some aquifers in the Basin are hydraulically connected to the ocean and occasionally sea water moves from them into adjacent freshwater aquifers. If a well being drilled without proper casing techniques passes through both saline and freshwater aquifers, the sea water can move from the polluted aquifer to the unpolluted one.

LINES OF EQUAL WATER LEVEL ELEVATION  
AT WELLS IN THE SILVERADO AQUIFER

WEST COAST BASIN WATERMASTER SERVICE  
SOUTHERN DISTRICT

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES

LEVEL ELEVATION

LEGEND  
— BASIN BOUNDARY

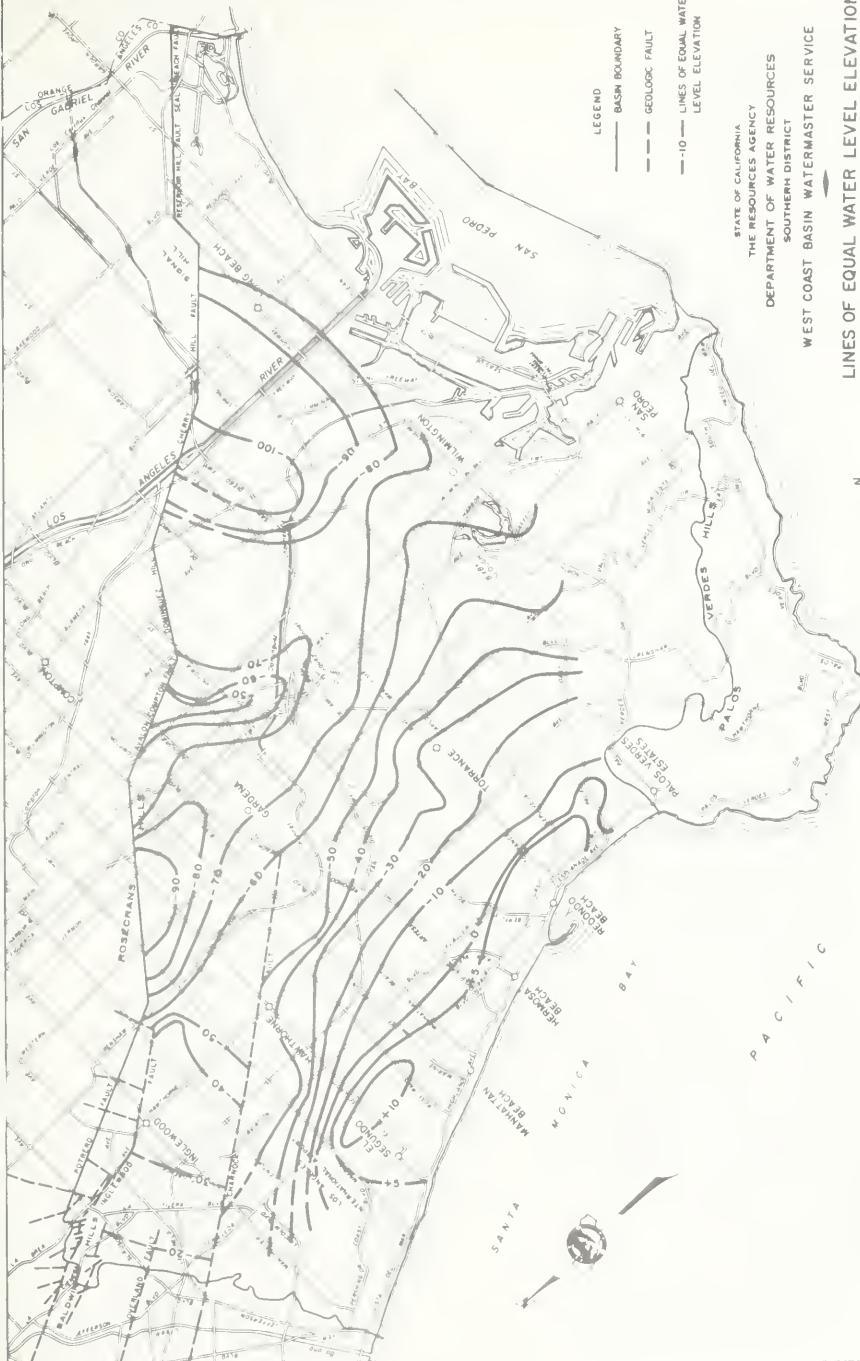
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THE ATTORNEY GENERAL

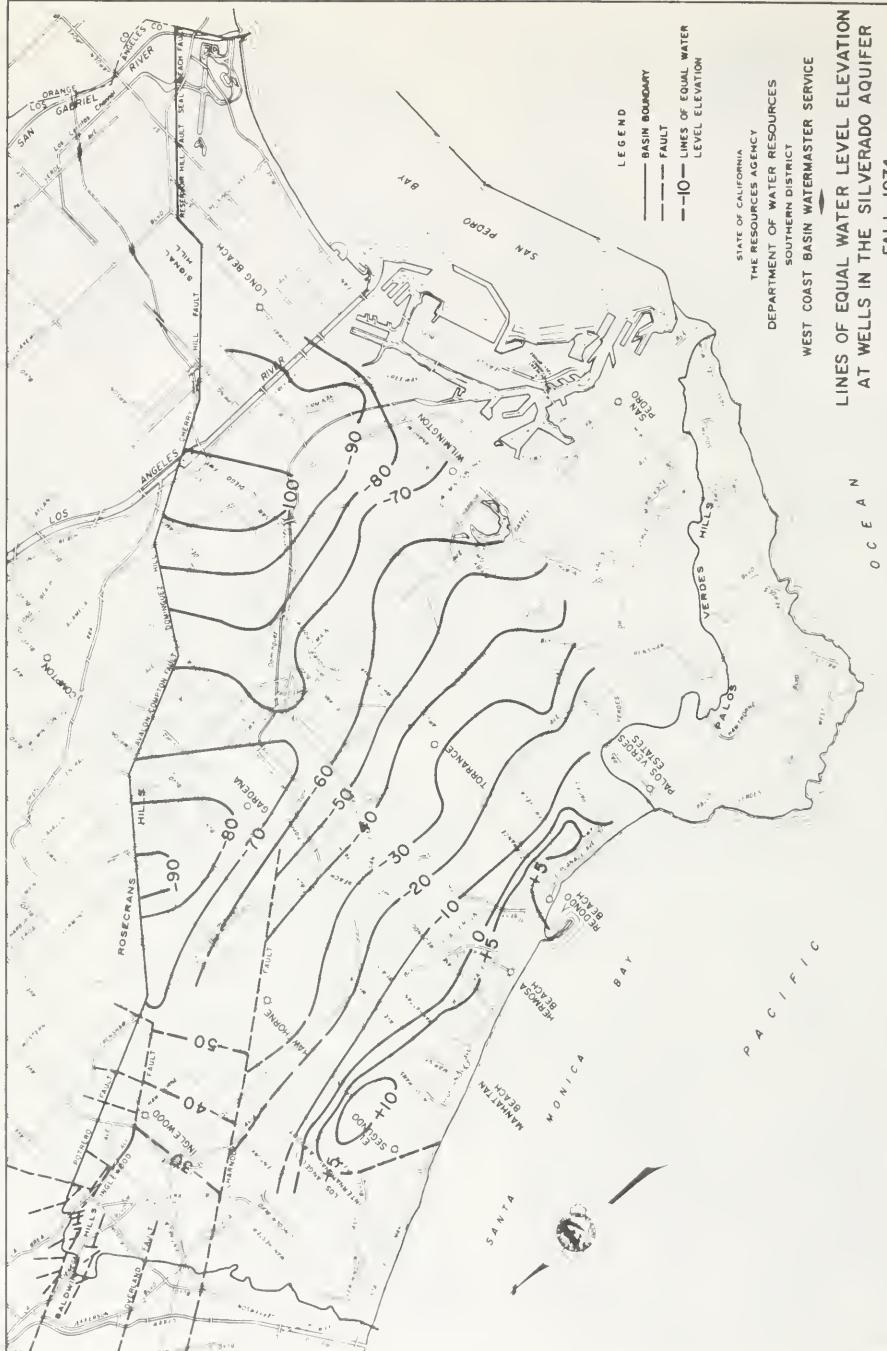
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
CONTINUUM DRAFTING

EST 0401 LAST NAME MALEBMASTEER GENEALOGY

C E A N

SCALE OF MILES







WATER LEVEL AT WELLS IN FEET U.S.G.S. DATUM

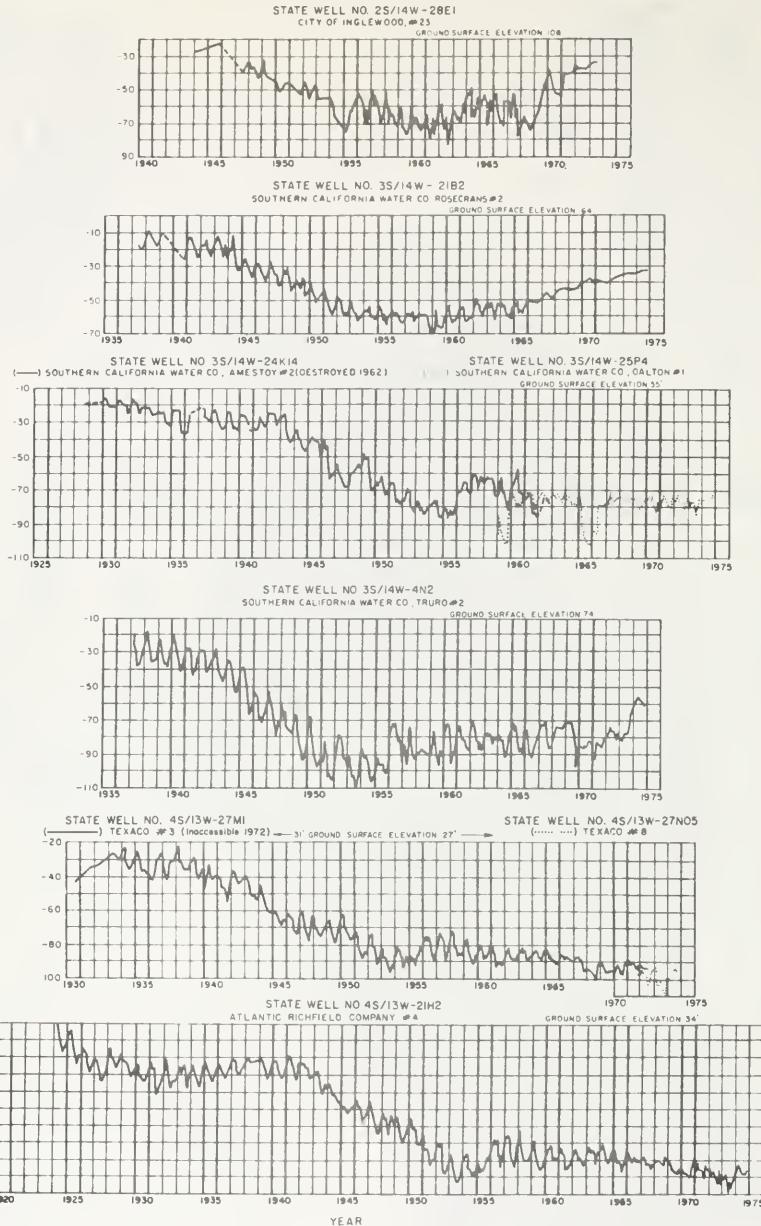
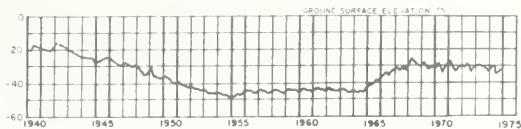
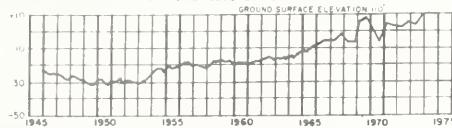


Figure 5 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS  
IN THE SILVERADO AQUIFER

MERGED GARDENA, LYNWOOD AND SILVERADO AQUIFERS  
STATE WELL NO 4S/14W 3L3  
MOBIL OIL CO #3

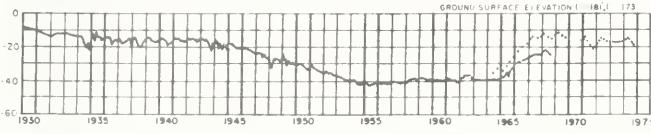


MERGED LYNWOOD AND SILVERADO AQUIFERS  
STATE WELL NO 3S/15W-12B1  
CITY OF E. SEGUNDO #10



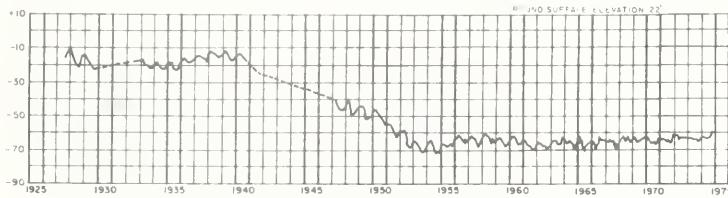
STATE WELL NO 4S/14W-22D1 STATE WELL NO 4S/14W 2L2  
I—STANDARD OIL CO. MARBLE FEE #1 I TORRANCE UNITET SCHOOL DISTRICT WELL

GROUND SURFACE ELEVATION (ft) 101.1 173



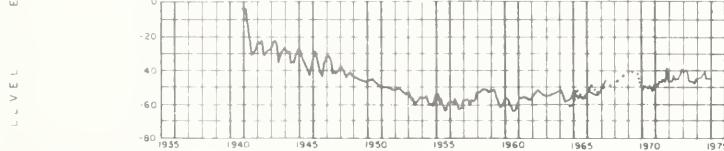
STATE WELL NO 4S/13W-3I#4  
CITY OF LOS ANGELES DW BP LOMITA #4

GROUND SURFACE ELEVATION 22'



LYNWOOD AQUIFER

STATE WELL NO 3S/14W 3L1 STATE WELL NO 3S/14W-2K1  
(—) SOUTHERN CALIFORNIA WATER CO. COMPTON WELL (—) PARK WATER CO #10C  
DESTROYED 10/19/67 GROUND SURFACE ELEVATION 1152.49



STATE WELL NO 4S/13W-30K1  
CITY OF LOS ANGELES DW BP LOMITA #1

GROUND SURFACE ELEVATION 33

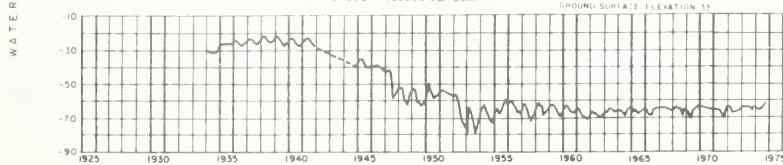


Figure 6—FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS  
IN THE MERGED PHASES OF SILVERADO AND LYNWOOD AQUIFERS

WATER LEVEL ELEVATION AT WELLS IN FEET — U.S.G.S. DATUM

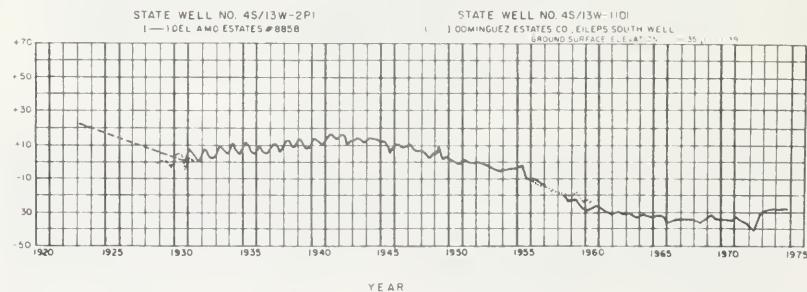
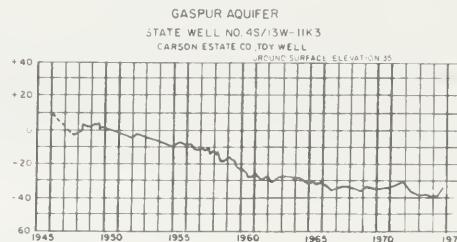
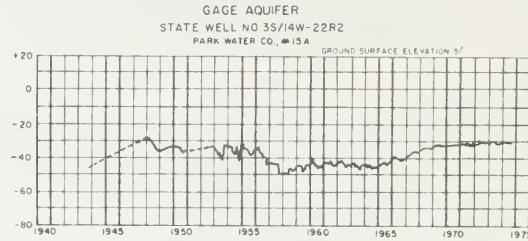
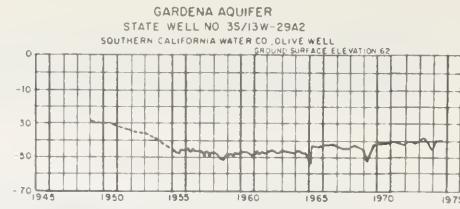


Figure 7—FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS IN THE UPPER PLEISTOCENE AND RECENT AQUIFERS

To prevent such occurrences, DWR conducted an intensive investigation that resulted in recommended standards for water-well construction and destruction.<sup>1/</sup> Adoption hearings on these standards were held in 1969 by the California Regional Water Quality Control Board, Los Angeles Region, (CRWQCBLA) and all local agencies and municipalities in the West Coast Basin have adopted them.

Solid waste is another factor that can affect ground water quality in the Basin. A shortage of disposal sites for this material has become increasingly critical. Abandoned gravel pits are particularly sought after. One of these is the Chandler Pits, just south of the Pacific Coast Highway. Several applications for permission to use this site have been refused because of the potential degradation of ground water.

CWBWRD, the West Basin Water Association, and others have vigorously opposed these applications. One applicant had asked to deposit decomposable solid waste in the pits.

In December 1968, CRWQCBLA reaffirmed its restriction of deposition of inert material. The matter was appealed, but during the 1970-71 water year the appeal was dropped. During the ensuing water years, no additional requests to use the pits for solid waste disposal were received.

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<sup>1/</sup> DWR Bulletin No. 74 "Water Well Standards; State of California", February 1968; and DWR Bulletin No. 107, "Recommended Well Construction and Sealing Standards for Protection of Ground Water Quality in West Coast Basin Los Angeles County", August 1962.

#### Basinwide Water Quality Monitoring

In compliance with the Beilenson Health Act, the West Basin Water Association has initiated a basinwide plan to monitor the quality of water being pumped for domestic use.

Title 17 of the California Administrative Code, more particularly Part 1, Chapter 5, Subchapter 1, defines the limits of the trace elements and pollutants acceptable for water for domestic use. Sixteen wells were selected for monitoring: two each belonging to the City of Los Angeles and the California Water Service Company; 12 under a cooperative plan sponsored by the cities of Manhattan Beach, El Segundo, Hawthorne, Inglewood, Torrance, the Southern California Water Company and Dominguez Water Corporation, and the Los Angeles County Water Works District No. 22. Laboratory work is performed by the Clinical Laboratories of San Bernardino.

#### Construction Projects Affecting Water Supply

Three major projects have significantly affected the water supply of the West Coast Basin: The State Water Project, MWD's distribution system, and the second barrel of the Owens River-Mono Basin Aqueduct of the City of Los Angeles.

They have been completed and are providing service to the Basin. MWD's Sepulveda Feeder began deliveries on December 1, 1972, and is the main source of northern California water for the Basin. State Water Project water formed approximately 20 percent of the total water imported during 1973-74.



### III. WATER USE

In the 1973-74 water year, the West Coast Basin provided approximately 295,000 acre-feet, 1,000 acre-feet less than in the previous year. Ground water extractions were approximately 5,500 acre-feet less and imported water was 4,000 acre-feet greater than the previous year's.

Population increase in the West Coast Basin has caused water demand to increase substantially since 1943. Prior to 1955, ground water met most of the demand. However, when the Judgment reduced extractions to about 60,000 acre-feet annually, imported water became the largest component of the Basin's water supply.

Figure 8 depicts the monthly relationship between rainfall, ground water extractions, and imported supplies. Figure 9 illustrates annual ground water extractions and total water use from 1933 to the present. Much of the increase since the 1963-64 water year may be attributed to the West Coast Basin barrier project. Water demand for that purpose has leveled off since completion of the project in 1968.

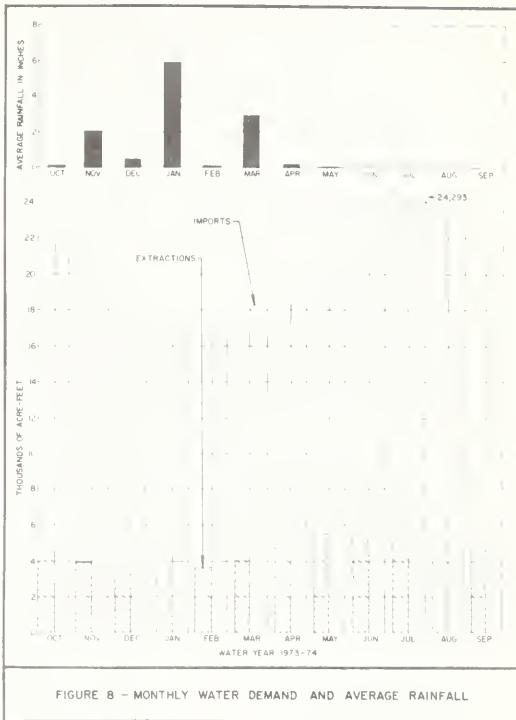


FIGURE 8 - MONTHLY WATER DEMAND AND AVERAGE RAINFALL

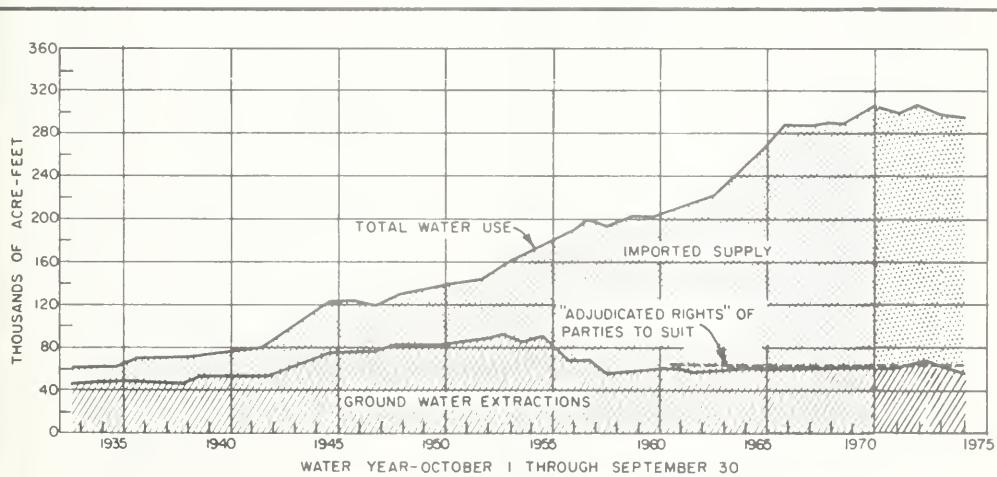


FIGURE 9-HISTORICAL GROUND WATER EXTRACTIONS AND TOTAL WATER USE BY PARTIES

TABLE 4. SUMMARY OF WATER ACCOUNTS OF PARTIES, 1973-74 WATER YEAR  
(in acre-feet)

PARTY	(1) ADJUDICATED RIGHT	(2) ALLOWABLE CARRYOVER FROM 72-73	(3) EXCH. DATER PURCH. (+) OR SLDN. (-)	(4) NET LEASES (+/-)	(5) ALLOWABLE EXTRACTION (1) + (2) + (3) + (4)	(6) AMOUNT PUMPED	(7) BALANCE (5) - (6)	(8) ALLOWABLE CARRYOVER INTO 74-75
A.R.C. NURSERY, INC.	24,108 <sup>b</sup>	+2,78	+15,00		41,88	19,20	22,59	+2,41
AMERICAN PLANT GROWERS INC	10,00	+2,00	+25,00		37,00	30,81	-1,19	+1,83
ASAHY FANCY KOI, INC.	2,00	+2,00		+12,10	16,10	0,00	14,10	+2,70
ATLANTIC HIGHFIELD COMPANY	4,428,00	+315,29	+6,570,00	11,273,29	11,129,33	143,96	+143,96	
AUTOMATION INDUSTRIES INC-HARRIS TURF	0,70	+2,00			2,70	0,00	2,70	+2,00
BRACKEY, WOLLANDER, CURCI, INC.	3,33	+2,00			5,33	0,00	5,33	+2,00
CBS INC.	9,50	+0,00		-9,50	0,00	0,00	0,00	
CALIFORNIA WATER SERVICE COMPANY	4,070,00	+107,10	-999,00 <sup>c</sup>	1,378,10	2,169,68	1,208,42	-317,10	
CARSON-MADISON COMPANY	104,00	+0,00		-104,00	0,00	0,00	0,00	
CHANDLERS PALOS VERDES SAND-GR. CORP.	294,20	-6,22	+160,00	613,09	395,47	14,51	+14,51	
CURTIS, OWEN W.	0,36	+1,80			2,16	0,00	2,16	+2,00
DEFLANEY, GOLDA, ESTATE OF	4,10	+2,40			6,10	0,00	6,10	+2,00
DESSER ENTERPRISES	0,00	+6,40 <sup>d</sup>			6,40	0,00	6,40	+6,40
DOMINGUEZ WATER CORPORATION	10,150,65	-35,04	-186,50	9,929,11	9,398,74	530,37	+530,37	
EL SEGUNDO, CITY OF	953,00	+95,30	-840,00	248,30	0,00	248,30	+95,30	+95,30
ENGELSMAN, JAKE	12,10	+0,00		-12,10	0,00	0,00	0,00	+0,00
ETCHMENDY, CAROLYN, ESTATE OF	6,20	+0,00		-6,20	0,00	0,00	0,00	+0,00
FLETCHED OIL AND REFINING COMPANY	90,00	+9,00			99,00	91,51	7,47	+7,47
FUJIMOTO, SAMUEL R. + RAYMOND S.	20,00	+2,00			22,00	7,29	14,71	+2,00
FUTURA INDUSTRIES, INCORPORATED	44,40	+4,44			48,44	0,00	48,44	+4,44
GARDEN CORPORATION, INC.	22,50	+2,25			24,75	0,50	24,75	+2,25
GILLINGHAM, ROBERT W. FT AL	2,00	+2,00			4,00	4,00	4,00	+2,00
GONZALES, FELIPE AND GARRIELA	34,30	+0,00		-14,30 <sup>e</sup>	0,00	0,00	0,00	+0,00
GRANT, JOHN, ESTATE OF	59,00	+5,90		-59,00	5,90	0,00	5,90	+5,90
HAWTHORPE, CITY OF	1,882,00	+6,65			1,882,65	1,870,21	12,44	+12,44
HILLSIDE MEMORIAL PARK	29,20	+2,02		+69,00	91,12	64,87	36,25	+2,92
HOLLAND, TUFF CLUB	262,00	+2,00			310,20	226,38	89,82	+28,20
INDUSTRIAL CHEM DIV-ALLIED CHEM CORP	255,00	+25,50		-255,00	25,50	0,00	25,50	+25,50
INGLEWOOD, CITY OF	4,405,549 <sup>d</sup>	+6,21	-14,00	7,687,70	162,98 <sup>c</sup>	3,542,72	+40,55	
INODE, KENICHI	5,40	+2,00	+16,00	+2,20	25,60	1A,19	7,41	+2,00
JOHNS-MANVILLE PRODUCTS CORP	881,00	+84,55			929,55	683,45	246,10	+86,10
LAGERLOF, STAFFY C	3,90	+0,00		-3,50	0,10	0,00	0,00	
LEGRAND, ALFRED	0,70	+2,00			2,70	0,00	2,70	+2,00
LEUTGENDR, FRIEDA, +, ESTATE OF	1,140	+2,00			3,140	0,00	3,140	+2,00
LONG BEACH, CITY OF	0,70	+2,00			2,70	0,00	2,70	+2,00
LOPEZ, FRANK	3,70	+2,00			5,70	0,00	5,70	+2,00
LOS ANGELES CITY, CITY OF	1,503,00	+1,57	+260,00 <sup>c</sup>	1,763,63	1,620,74	127,75	+127,75	
LOS ANGELES COUNTY ALONDRA PARK	1,07,70	+0,00			6,70	44,17	40,40	+0,00
LOS ANGELES COUNTY SANIT DIST NO 2	102,00	+2,00			106,70	-1,49	11,40	+1,40
LOS ANGELES COUNTY WWS DIST NO 13	1,352,00	+35,20	-260,00 <sup>c</sup>	1,137,70	0,00	1,137,20 <sup>c</sup>	+110,20	
LOS ANGELES COUNTY WWS DIST NO 22	551,00	+55,10			506,10	0,00	506,10 <sup>c</sup>	+55,10
LOS ANGELES COUNTY WEST AV GOLF	294,00	+29,40	-96,00		229,40	0,36	135,26	+29,40
LODGEWOOD UNIVERSITY	4,40	+0,00		-48,10	0,40	0,00	0,00	
MARSHALL REACH, CITY OF	1,313,20	+113,12		1,244,32	452,25	792,67	+113,12	
MAVERICK NURSERIES	0,00	-2,22	+3,00		0,78	25,44	-26,70	+2,70
MCDONNELL DOUGLAS CORP	1,70	+2,00			3,70	0,02	3,68	+2,00
MORIL OIL CORPORATION	2,570,00	+87,74		+1,800,00	4,378,74	4,389,76	8,98	+8,98
MORII, HOY H AND KENJI	3,40	+2,00			5,40	0,00	5,40	+2,00
MONTROSE CORPORATION, AIRCRAFT DIV	38,15	+3,82			41,97	0,00	41,97	+3,82
NOTAMIC SUMICHI	7,00 <sup>d</sup>	+3,43		+71,00	41,43	45,98	-4,55	+4,55
OTANI, CHISATO	0,00	+0,00		+25,00	25,00	34,94	-9,98	-9,98
PACIFIC CREST CEMETERY COMPANY	39,40	+3,40 <sup>d</sup>			43,34	46,12	-2,78	+2,78
PALOS VERDES BEGONA FARM	0,60	+1,25 <sup>d</sup>	-3,00		6,25	1,66	4,59	+4,59
PARK WATER COMPANY	140,00	+14,00	+145,00		321,00	245,72	55+28	+16,00
PHILLIPS PETROLEUM COMPANY	14,70	+14,70	-181,00		22,70	0,00	22,70	+16,00
REHOF, JOSEPHINE G.	2,40	+0,00		-2,20	0,00	0,00	0,00	+0,00
ROCKWELL, MICHAEL L.	0,10	+0,50			0,60	0,00	0,60	+0,60
ROLLING HILLS VISTA <sup>d</sup>	0,00	+0,00		+140,00	140,00	10,47	14,53	+2,00
ROMAN CATHOLIC ARCHDIOCESE OF L.A.	72,30	+6,96	+90,00		156,14	171,44	-15,14	+15,14
SANTA FE LAND IMPROVEMENT COMPANY	14,50	+0,00		-79,50	0,00	0,00	0,00	+0,00
SHEETS, ESTHER M.	5,50	+2,00			7,50	0,04	7,46	+2,00
SHMIL OIL COMPANY	4,516,00	+14,03			4,530,93	4,446,133	69,60	+4,60
SOUTHERN CALIFORNIA EDISON COMPANY	57,10	+6,71		-84,00	6,41	7,40	-0,99	-0,99
SOUTHERN CALIFORNIA WATER COMPANY	6,564,64	-175,91			6,372,73	6,433,86	-61,07	-61,07
SPARKELETT DRINKING WATER CORP	152,60	+15,26			167,86	70,44	84,38	+15,26
STANDARD OIL OF CAL-WESTERN OIL INC	4,601,30	+4,60		-4,800,00	5,90	0,00	5,90	+5,90
STAUFFER CHEMICAL COMPANY	521,00	-17,70		+2,450,50	707,80	466,55	241,25	+52,10
SUPERIOR OIL COMPANY	2,40	+2,64			29,46	0,00	29,46	+2,64
TEXACO INCORPORATED	3,429,00	+466,53		+1,013,30 <sup>c</sup>	4,911,83	3,645,01	1,266,42	+466,53
TOURIST, CITY OF	3,860,473	-31,55			3,771,14	3,747,52	-14,54	-14,54
UNION NURSERY INC	4,70	+1,08	+14,00		21,78	26,08	-2,30	+2,30
UNION OIL COMPANY OF CALIFORNIA	2,670,00	+6,95	-1,050,00	1,78,00	84,88	78,07	+267,00	
UNITED STATES STEEL CORPORATION	1,791,00	+60,97	-720,00	1,162,73	1,170,27	-8,24	+8,24	
WATSON LAND COMPANY	80,20	+0,00		-60,20	0,00	0,00	0,00	+0,00
WISERSON SCHOOL DISTRICT	8,20	+2,00			10,20	0,00	10,20	+2,00
ZEIGLER, MAURELL T.	0,00	+14,77 <sup>d</sup>	+11,00		27,77	24,42	1,35	+1,35
TOTALS	64,446,825	+1,824,93	0,00	0,00	64,293,18	64,966,10	11,327,08	2,955,27

b/ Table 1 in Part I - Water rights based on water right entitlements.

c/ Formerly Cambria Bribewater System, Inc. - now change only.

d/ Includes water right entitlements.

e/ Entire amount is exchange pool water right.

f/ Includes extractions by Inglewood Golf Course.

g/ Extractions by Los Angeles County: Alondra Park, Waterworks Dist. Nos. 1 and 3, and Western Avenue 2. If Course have an interagency water right exchange whereby all water right balances are combined and divided between agencies in proportion to their needs or water right.

h/ Party used the former Transocean Sand and Gravel Corporation wells for development of area. See f. in note.

### Ground Water Extractions

The West Coast Basin Judgment limits the amount of ground water that each party can extract annually from the basin or release to the Exchange Pool for pumping by other parties. Table 4 summarizes each party's water account. The metered ground water production

from each active well in the Basin is listed by party in Appendix B, which shows the total ground water production reported by each party. Gross water supply of all parties, which appears in Table 5, includes all sources of water necessary to provide each party's total water requirement for its service area. The service areas are shown on Plates 5 and 6 (Pages 30-33).

TABLE 5. GROSS WATER USE  
(in acre-feet)

Party	Total		Purchased Supply		Total Supply
	ground water	extractions	Imported <sup>a</sup>	Within basin <sup>b</sup>	
ABC Nursery, Incorporated	19.29				19.29
American Plant Growers, Inc.	38.81				38.81
Asshi Fancy Koi, Inc.	0.00				
Atlantic Richfield Company	11,129.33		1,446.86 <sup>c/</sup>		12,576.19
Automation Industries, Inc.- Harris Tube	0.00				
Barclay Hollander Curci, Inc.	0.00				0.00
CBS, Inc.	0.00				0.00
California Water Service Co.	2,169.68	27,234.50			29,404.18
Carson-Madrone Company	0.00				0.00
Chandler's Palos Verdes Sand & Gravel Corporation	395.47				395.47
Curtis, Owen W.	0.00				0.00
Delaney, Golds, Estate of	0.00				0.00
Desser Enterprises	0.00				0.00
Dominguez Water Corporation	9,398.74	21,756.51 <sup>d/</sup>			31,155.25
El Segundo, City of	0.00	19,248.10			19,248.10
Engelsma, Jake	0.00				
Etchemendy, Caroline, Estate of	0.00				
Fletcher Oil and Refining Company	41.53		131.39 <sup>e/</sup>		222.92
Fujimoto, Samuel R. & Raymond S.	7.29				7.29
Futura Industries, Incorporated	0.00				0.00
Garrett Corporation, The	0.58				0.58
Gillingham, Florence R., et al	0.00				
Gonzales, Felipe and Gabriela	0.00				
Grant, John, Estate of	0.00				0.00
Hawthorne, City of	1,870.21	3,253.80			5,124.01
Hillside Memorial Park	54.87		23.71		78.58
Hollywood Turf Club	220.38		164.65		385.03
Industrial Chemical Division, Allied Chemical Corporation	0.00				
Inglewood, City of	162.98	11,408.60 <sup>f/</sup>	780.94		11,571.58
Inose, Kenichi	18.19		1.48		19.67
Johns-Manville Products Corp.	683.45		640.23		1,323.68
Lagerlof, Stanley C.	0.00				0.00
Lermans, Alfred	0.00				0.00
Leuzinger, Emma L.	0.00				
Long Beach, City of	0.00	28,814.60 <sup>g/</sup>			28,814.60

TABLE 5. (Continued)  
GROSS WATER USE  
(in acre-feet)

Party	: Total		Purchased Supply		: Total Supply Within basin <sup>b</sup> :	
	:ground water:		: Imported <sup>a/</sup>			
	:extractions		: Within basin <sup>b</sup> :			
Lopes, Frank	0.00				0.00	
Los Angeles, City of	1,621.68	53,403.70 <sup>h/</sup>			55,025.38	
Los Angeles County- Alondra Park Sanitation District No. 2	461.76		73.81		535.57	
Waterworks District No. 13	106.20		168.32		274.52	
Waterworks District No. 22	0.00	2,418.90			2,418.90	
Western Avenue Golf Course	0.00	1,354.30			1,354.30	
	94.36		87.60		181.96	
Loyola Marymount University	0.00			216.75	216.75	
Manhattan Beach, City of	452.25	5,356.90			5,809.15	
Mayflower Nurseries	25.48				25.48	
McDonnell Douglas Corporation	0.02				0.02	
Mobil Oil Corporation	4,369.76		3,097.40 <sup>d/</sup>		7,467.16	
Mori, Roy R. and Kenji	0.00				0.00	
Northrop Corp., Aircraft Div.	0.00			<u>d/</u>	<u>d/</u>	
Nozaki, Sumikichi	45.98				45.98	
Otani, Chisato	34.98				34.98	
Pacific Crest Cemetery Company	46.12		6.42		52.54	
Pelos Verdes Begonie Farm	1.66				1.66	
Park Water Company	265.72				265.72	
Phillips Petroleum Company	0.00		10.64		10.64	
Rehor, Josephine P.	0.00			<u>c/</u>	<u>c/</u>	
Rockwell, Michael L.	0.00				0.00	
Rolling Hills Vista	10.47				10.47	
Roman Catholic Archbishop of Los Angeles	171.48				171.48	
Santa Fe Land Improvement Company	0.00			<u>d/</u>	<u>d/</u>	
Sheets, Esther M.	0.04				0.04	
Shell Oil Company	4,461.33		31,271.74		35,733.07	
Southern California Edison Co.	7.80		0.28		8.08	
Southern California Water Co.	6,433.80	23,140.40 <sup>j/</sup>	1.25		29,575.45	
Sparkletts Drinking Water Corp.	79.48				79.48	
Standard Oil Company of California	0.00		12,941.00		12,941.00	
Stauffer Chemical Company	466.55		105.64		572.19	
Superior Oil Company	0.00				0.00	
Texaco, Incorporated	3,645.01		1,195.46		4,840.47	
Torrance, City of	3,785.72	19,171.24			22,956.96	
Union Nursery, Incorporated	26.08				26.08	
Union Oil Company of California	894.88		6,423.76		7,318.64	
United States Steel Corp.	1,170.27		204.16		1,374.43	
Watson Land Company	0.00		120.03		120.03	
Wiseburn School District	0.00		31.59		31.59	
Zeigler, Maxwell T.	26.42				26.42	

a/ Imports from Metropolitan Water District or member agency unless otherwise noted.

b/ Purchased from municipal, mutual, or public utility water agency.

c/ Domestic use with consumption less than one acre-foot purchased from public utility.

d/ Information not available.

e/ Includes 2,810 acre-feet of Central Basin ground water.

f/ Of this amount 26.7% is exported to Central Basin.

g/ Includes Central Basin ground water.

h/ Imported from Owens River-Mono Basin.

j/ Includes 1,535 acre-feet of Central Basin ground water.

### Extractions by Nonparties and Parties with No Adjudicated Rights

Several nonparties and parties with zero Adjudicated Rights pump water from the West Coast Basin. Parties with zero water rights have abided by the Judgment by offsetting their pumping with Exchange Pool purchases. Their extractions are reported to CWBWRD (Table 6).

**TABLE 6. EXTRACtions BY NONPARTIES AND PARTIES WITH ZERO ADJUDICATED RIGHTS**

Pumper	State Well No.	Amount pumped (in acre-feet)
Carson Auto, Inc.	4S/13W-13K5	0.04
Cost, Edward	3S/13W-3001	0.37
Mayflower Nurseries*	3S/14W-25K6	24.50
"	3S/13W-31B7	0.98
		25.48
McFadden, John K.	3S/13W-19K2	0.68
Moni, Chisato*	3S/14W-34N4	18.79
"	3S/14W-33R4	16.19
		34.98
Palos Verdes Begonia Farm*	4S/14W-21M1	1.66
Rolling Hills Vista**	4S/14W-28J01	10.47
Three Star Nursery	3S/14W-33R3	7.84
Zeigler, Maxwell T.*	3S/13W-31M1	26.42
	TOTAL	107.93

\* Parties to the Judgment, shown in Table 4.

\*\* See Footnote G on Table 4.

### Imported Supplies

Large quantities of water are imported to the West Coast Basin from other sources. Water from the Colorado River

and State Water Project arrives through facilities of MWD for distribution by WBMWD and the cities of Long Beach, Los Angeles, and Torrance. Los Angeles also imports water from the Owens River-Mono Basin in eastern central California. The Dominguez Water Corporation, Long Beach, and the Southern California Water Company import ground water from the Central Basin to supplement other supplies.

All imports to the West Coast Basin, with the exception of imports by two nonparties, are listed in Table 7. The California-American Water Company imported 2,684 acre-feet and the City of Signal Hill imported 828 acre-feet. Both are nonparties.

### Exported Supplies

Exports from the West Coast Basin are small. The City of Inglewood exported 3,076 acre-feet of ground water, Colorado River and State Water Project water to the Central Basin. The City of Los Angeles exported 1,357 acre-feet and the California Water Service Company exported 7,624 acre-feet of ground water, Colorado River, and State Water Project water to portions of their service areas lying west of the Palos Verdes Hills.





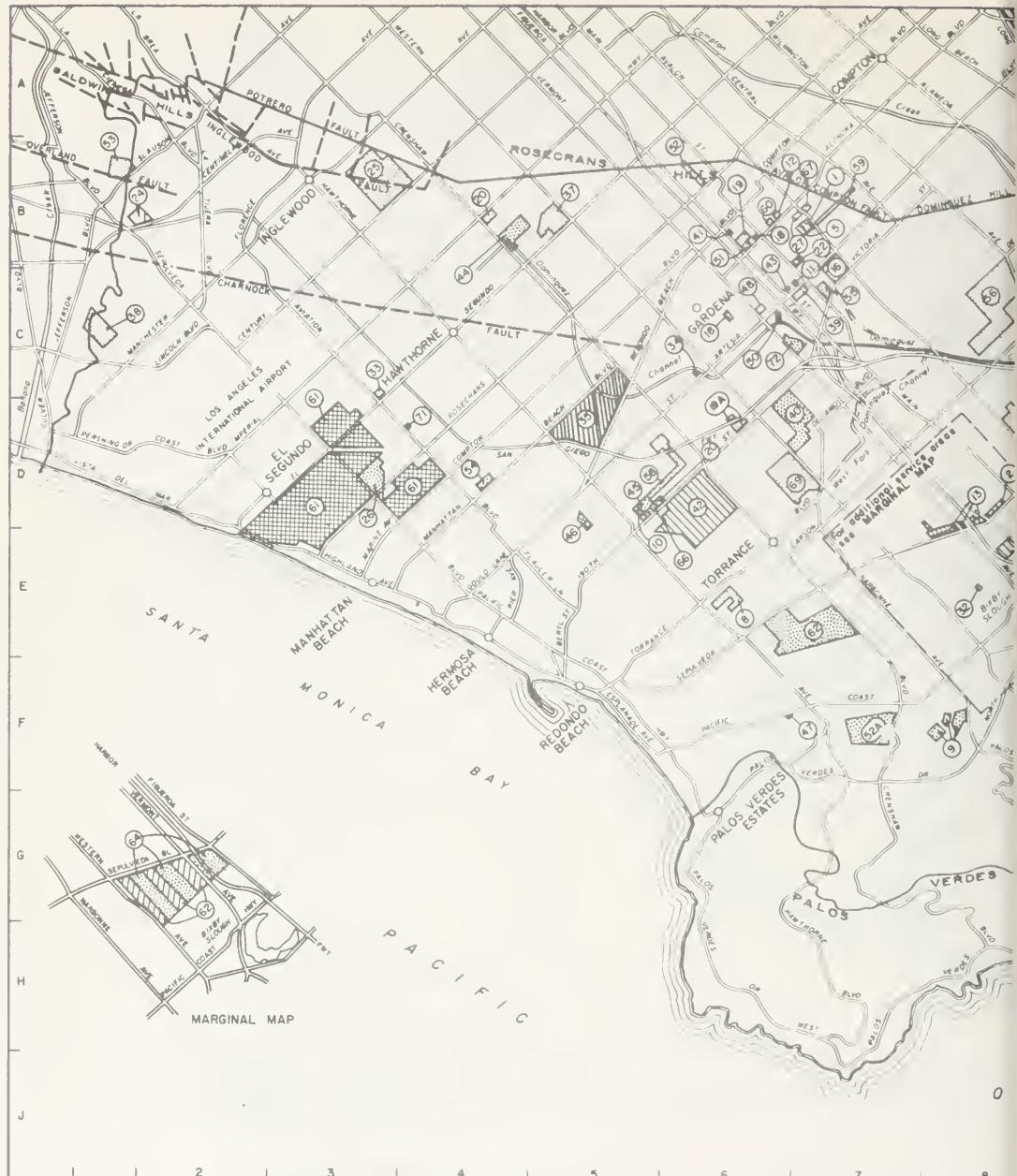
LIST OF MUNICIPAL, MUTUAL AND PUBLIC UTILITY  
WATER SERVICE AGENCIES

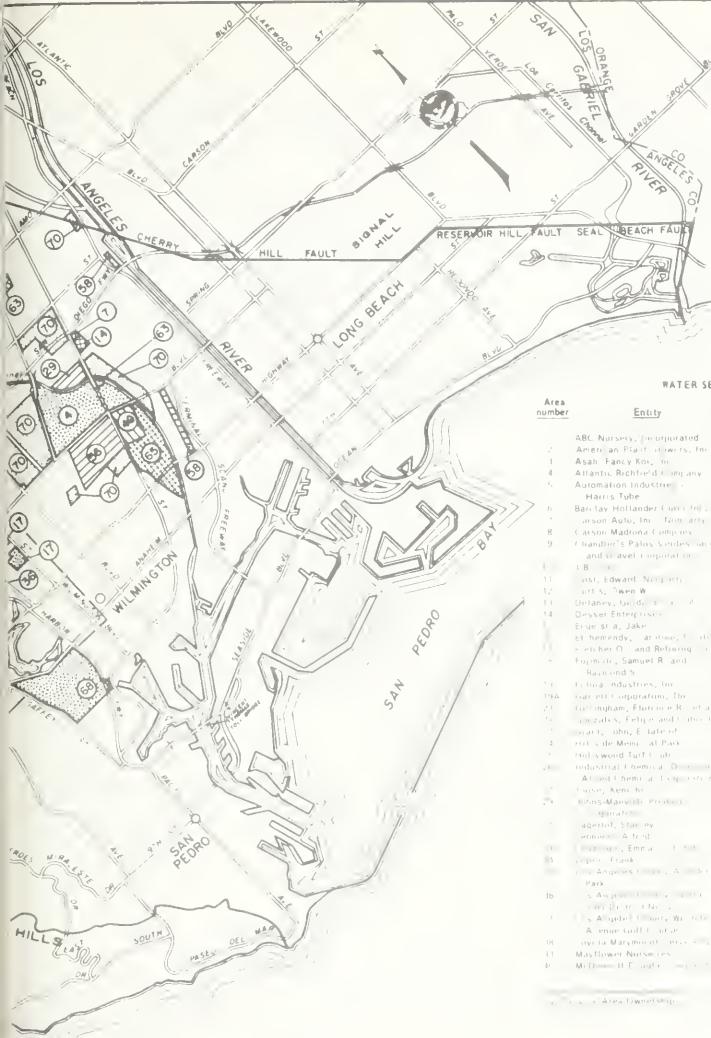
Area Number	Entity	Location on plate
1	California American Water Company (Nonparty)	B 2
1 A	California Water Service Company	F 5,6-8
2	Dominguez Water Corporation	C 8
3	El Segundo City of	C 3
4	Hawthorne City of	I 4
5	Inglewood City of	I 3
6	Long Beach City of	I 11
7	Los Angeles City of	E 9
8	Los Angeles County Waterworks District No. 13	E 8
9	Los Angeles County Waterworks District No. 20	I 4
9 A	Los Angeles County Waterworks District No. 26 (Nonparty)	E 3
10	Manhattan Beach City of	E 4
11	Park Water Company	I 5
12	Signal Hill City of (Nonparty)	B 11
13	Southern California Water Company	B 4
14	Torrance City of	E 7

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
SOUTHERN DISTRICT  
WEST COAST BASIN WATERMASTER SERVICE

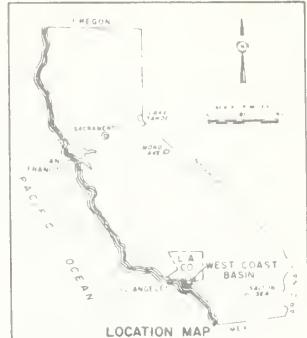
WATER SERVICE AREAS OF  
MUNICIPAL, MUTUAL AND PUBLIC UTILITY  
WATER SERVICE AGENCIES  
SEPTEMBER 1974







## INDEX



## LOCATION MAP

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
SOUTHERN DISTRICT  
WEST COAST BASIN WATERMASTER SERVICE

WATER SERVICE AREAS OF  
INDIVIDUAL PRODUCERS  
SEPTEMBER 1974

SCALE OF MILES

193

TABLE 7. IMPORTED WATER

Source	Imported	Quantity (in acre-feet)	
		1972-73	1973-74
Central Basin Ground Water	Dominguez Water Corp. Southern California Water Company	3,597 1,342	2,810 1,535
		4,939	4,345
Central Basin Ground Water, Colorado River, and State Water Project	City of Long Beach	28,965 <sup>a/</sup>	28,815
Colorado River and State Water Project	City of Torrance	20,173 <sup>b/</sup>	19,171 <sup>c/</sup>
Colorado River	West Basin Municipal Water District California Water Service Company Dominguez Water Corporation El Segundo, City of Hawthorne, City of Inglewood, City of L. A. County Waterworks Dist. No. 13 L. A. County Waterworks Dist. No. 22 Manhattan Beach, City of Southern California Water Co. L. A. County Flood Control Dist.	11,327 18,708 18,416 694 1,884 1,594 1,262 1,139 7,959 35,147 <sup>d/</sup>	17,115 18,709 16,529 1,734 272 1,614 1,354 170 5,109 34,817 <sup>d/</sup>
		98,130	97,423
State Water Project	California Water Service Company Dominguez Water Corporation El Segundo, City of Hawthorne, City of Inglewood, City of L. A. County Waterworks Dist. No. 13 L. A. County Waterworks Dist. No. 22 Manhattan Beach, City of Southern California Water Company L. A. County Flood Control Dist.	14,753 1,183 1,004 2,606 6,793 826 24 3,941 13,633 148 <sup>d/</sup>	10,119 237 2,719 1,520 11,137 805 -- 5,187 16,497 552
Owens River-Mono Basin and Colorado River	Los Angeles, City of	50,881	53,404
	TOTAL ALL SOURCES	247,999	251,931

<sup>a/</sup> Includes 618 acre-feet from State Water Project<sup>b/</sup> Includes 326 acre-feet from State Water Project<sup>c/</sup> Includes 539.7 acre-feet from State Water Project<sup>d/</sup> Delivered for use in the West Coast Basin and Dominguez Gap Barrier Projects

## IV. ADMINISTRATION OF THE JUDGMENT

The West Coast Basin Judgment was a logical step toward preserving the usefulness of a valuable resource. It provides a flexible tool to limit extractions and still allow a beneficial use of the ground water supply. However, the restrictions on extractions imposed by the Judgment force the parties to look for other supplies. Fortunately, these are available. If they were not, the rapidly increasing demand for water might literally bankrupt the Basin before other management techniques could be developed.

### Exchange Pool

The Court and parties foresaw that adjudicating water rights and limiting total extractions within the Basin would not be satisfactory to all parties. As a consequence, Paragraph VII of the Judgment authorized a water Exchange Pool to provide additional water rights to members without supplementary water. Membership in the Exchange Pool is voluntary, and any party can join by filing an "Intention to be Bound by Paragraph VII of the Judgment"

with the Watermaster and the Court. Recipients of exchange water may pump the amounts released to them in addition to their Adjudicated Right. Releases are limited by the Judgment. Tables 8 and 9 summarize 1973-74 Exchange Pool transactions.

Once each July the Watermaster opens the Exchange Pool to permit the inter-member exchange of water rights. The Pool is in operation when the Watermaster asks each member to estimate his water requirement and supply for the next water year. If a member has supplemental water in addition to his Adjudicated Right and if his total supply exceeds his estimated requirement, he must make a Mandatory Offer to lease a portion of his pumping right equal to the difference between his Adjudicated Right and half his estimated requirement. Under no circumstance, however, can the Mandatory Offer and the estimated requirement together exceed the total supply. This limits the Mandatory Offer to an amount which can be replaced with supplemental water.

Another type of offer is called the Voluntary Offer. Any member may volun-

**TABLE 8. EXCHANGE POOL OFFERS**

Party	Amount (in acre-feet)		Price (per acre-foot)		Charge for exchange water
	Offered	Released	Offered	Released	
<b>Mandatory Offers</b>					
L. A. County - Western Agricultural District	90.00	89.00	\$ 20.00	\$ 190.00	
Phillips Petroleum Company	161.00	151.00	22.00	1,342.00	
U.S. Steel Corporation	591.00	229.00	15.00	8,414.00	
Shell Oil Company	432.00	0	63.60	0	
Johnsonville Products Corporation	91.00	0	72.00	0	
Industrial Chemical Division, Allied Chemical Corporation	105.00	0	87.12	0	
<b>TOTALS</b>	<b>1,476.00</b>	<b>486.00</b>		<b>\$11,477.00</b>	
<b>Voluntary Offers</b>					
California Water Service Company	1,040.00	0	\$ 48.64		
Garrett Corporation, The	24.75	0	---		
Gillingham, Florence R.	4.40	0	20.00		
Standard Oil Company of Calif.	4.60	0	123.45 <sup>a</sup>		
Wesburn School District	8.20	0	20.00		
<b>TOTALS</b>	<b>1,041.95</b>	<b>0</b>			

<sup>a</sup> Cost assuming all of the offered water was sold.

**TABLE 9. EXCHANGE POOL REQUESTS**

Party	Amount of water received (in acre-feet)		Cost of exchange water a/
	Offered	Released	
ABC Nursery, Incorporated	15.00		\$ 415.96
American Plant Growers, Inc.	25.00		693.26
Chandler's Palos Verdes Sand and Gravel Corporation	160.00		4,436.87
Inoae, Kenichi	16.00		443.69
Mayflower Nurseries	3.00		83.19
Palos Verdes Begonia Farm	3.00		83.19
Park Water Company	145.00		4,020.92
Roman Catholic Archbishop of Los Angeles	90.00		2,495.74
Union Nursery, Incorporated	18.00		499.15
Ziegler, Maxwell T.	11.00		305.93
<b>TOTAL</b>	<b>486.00</b>		<b>\$ 13,477.00</b>

<sup>a</sup> Cost at \$27.7304 per acre-foot.

tarily offer pumping rights to the Exchange Pool if his water supply exceeds his estimated requirement and he has no supplemental supply. However, the Watermaster must allocate all Mandatory Offers before using the Voluntary Offers. Voluntary Offers have not been used for several years.

The charge for a Mandatory Offer cannot exceed the cost per acre-foot of replacement water; the charge for a Voluntary Offer cannot exceed the price per acre-foot charged by the West Basin Municipal Water District for imported water. The Watermaster determines the amount of water needed and computes the average price to be paid.

If a member's estimated water requirement exceeds his total water right, including leases, and he has no supplemental supply, the difference may be requested from the Exchange Pool. The cost per acre-foot is the weighted average price per acre-foot of all offers required to meet requests.

#### Transfers of Adjudicated Rights

The West Coast Basin Exchange Pool is not the only method of obtaining additional pumping rights. Each year there are several lease and sale transactions between parties. Table 10 lists all leases, sales, parties, and amounts involved. Appendix A contains a copy of the document substantiating each transfer.

Appendix A also contains samples of recommended lease and sale agreements. Some documents received by the Watermaster are unnecessarily complex. The Watermaster recommends that documents be prepared on 8-1/2 x 11-inch paper. Any necessary additions to the recommended agreement may be attached to another page. You need not use these sample documents, but they are sufficient for most purposes.

In leasing, buying, or selling water rights, parties should be specific as to the type being exchanged, i.e., Adjudicated Right. All leases should be entered into on the basis of Adjudicated Right and should specify both amount of Adjudicated Right, to the nearest whole acre-foot, and period of lease. All water right leases should be made on a water year basis, i.e., October 1 through September 30 of the following year, never on a fiscal year basis.

The "General Information, Policies and Procedures" of the Watermaster Service in the West Coast Basin contains the following requirement:

*"In order that a water right lease be in force (applicable) during a particular water year, it must have been executed by the parties involved before or prior to September 1 of the water year in question. In addition the executed water right lease document must be filed with the Watermaster no later than August 31 or postmarked August 31 of the year in question. Any otherwise valid agreement not filed with the Watermaster prior to September 1 of the water year in question will be void and of no force or effect for the transfer of water rights."*

#### Overextractions

Each year some parties extract more ground water from the West Coast Basin than they are entitled to. The overextractions are usually small, occurring within the tolerance set by the Judgment. The Judgment allows each party to overextract by 2 acre-feet, or by 10 percent of its Adjudicated Right, whichever is larger, on the premise that the overextraction will be eliminated during the following year.

Most overextractions are the result of an unexpected increase in water

TABLE 10. TRANSFERS OF ADJUDICATED RIGHTS

PARTY	TRANSACTION AND AMOUNT IN ACRE-FEET	PARTY
A R C NURSERY, INC	PURCHASED 2.00	UNITED CALIFORNIA BANK
ASAHI FANCY KOI INCORPORATED	LEASED 12.10	ENGELSMAN, JAKE
ATLANTIC RICHFIELD COMPANY	LEASED 1,500.00	DOMINGUEZ WATER CORPORATION
ATLANTIC RICHFIELD COMPANY	LEASED 375.00	DOMINGUEZ WATER CORPORATION
ATLANTIC RICHFIELD COMPANY	LEASED 255.00	INDUSTRIAL CHEMICAL DIVISION
ATLANTIC RICHFIELD COMPANY	LEASED 1,000.00	INGLEWOOD, CITY OF
ATLANTIC RICHFIELD COMPANY	LEASED 3,100.00	STANDARD OIL COMPANY OF CALIFORNIA
ATLANTIC RICHFIELD COMPANY	LEASED 1,050.00	UNION OIL COMPANY OF CALIFORNIA
CALIFORNIA WATER SERVICE CO	LEASED 499.00*	TEXACO INCORPORATED
CARSON-MADRONA COMPANY	LEASED 104.00	DOMINGUEZ WATER CORPORATION
CHANDLER'S PALOS VERDES SAND AND GRAVEL CORPORATION	PURCHASED 184.00	TORRANCE SAND AND GRAVEL CORP
COLUMBIA BROADCASTING SYSTEM INCORPORATED (Now CBS INC)	LEASED 9.50	TO
DOMINGUEZ WATER CORPORATION	LEASED 1,500.00	ATLANTIC RICHFIELD COMPANY
DOMINGUEZ WATER CORPORATION	LEASED 375.00	ATLANTIC RICHFIELD COMPANY
DOMINGUEZ WATER CORPORATION	LEASED 104.00	CARSON-MADRONA COMPANY
DOMINGUEZ WATER CORPORATION	LEASED 9.50	COLUMBIA BROADCASTING SYSTEM INCORPORATED (Now CBS INC)
DOMINGUEZ WATER CORPORATION	LEASED 8.20	ETCHEMENDY, CAROLYN, EST. OF
DOMINGUEZ WATER CORPORATION	LEASED 3.50	LAGERLOEF, STANLEY C.
DOMINGUEZ WATER CORPORATION	LEASED 48.10	LOYOLA MARYMOUNT UNIVERSITY
DOMINGUEZ WATER CORPORATION	LEASED 145.50	PICO COUNTY WATER DISTRICT
DOMINGUEZ WATER CORPORATION	LEASED 500.00	PICO COUNTY WATER DISTRICT
DOMINGUEZ WATER CORPORATION	LEASED 39.50	SANTA FE LAND IMPROVEMENT CO
DOMINGUEZ WATER CORPORATION	LEASED 40.20	WATSON LAND COMPANY
EL SEGUNDO, CITY OF	LEASED 300.00	WORL OIL CORPORATION
EL SEGUNDO, CITY OF	LEASED 500.00	PICO COUNTY WATER DISTRICT
ENGELSMAN, JAKE	LEASED 12.10	ASAHI FANCY KOI INCORPORATED
ETCHEMENDY, CAROLYN, EST. OF	LEASED 8.20	DOMINGUEZ WATER CORPORATION
GEORGIA-PACIFIC CORPORATION	SOLED 3.40	INGLEWOOD, CITY OF
GONZALES, FELIPE AND GARRIELA	LEASED 34.30*	TEXACO INCORPORATED
GRANT, JOHN, ESTATE OF	LEASED 54.00	HILLSIDE MEMORIAL PARK
HILLSIDE MEMORIAL PARK	LEASED 54.00	GRANT, JOHN, ESTATE OF
INDUSTRIAL CHEMICAL DIVISION	LEASED 245.00	ATLANTIC RICHFIELD COMPANY
INGLEWOOD, CITY OF	LEASED 1,000.00	ATLANTIC RICHFIELD COMPANY
INGLEWOOD, CITY OF	PURCHASED 7.40	GEORGIA-PACIFIC CORPORATION
INGLEWOOD, CITY OF	LEASED 160.00	ROLLING HILLS VISTA
INOSKE, KENICHI	LEASED 2.20	REHDER, JOSEPHINE P.
LAGERLOEF, STANLEY C.	LEASED 3.50	DOMINGUEZ WATER CORPORATION
LOS ANGELES, CITY OF	LEASED 250.00*	LOS ANGELES CO WORKS DIST NO 17
LOS ANGELES CO WORKS DIST NO 17	LEASED 250.00*	LOS ANGELES, CITY OF
LOYOLA MARYMOUNT UNIVERSITY	LEASED 48.10	DOMINGUEZ WATER CORPORATION
MORIL OIL CORPORATION	LEASED 300.00	EL SEGUNDO, CITY OF
MORIL OIL CORPORATION	LEASED 1,500.00	STANDARD OIL COMPANY OF CALIFORNIA
NOZAKI, SUMIKICHI	LEASED 31.00	SOUTHERN CALIFORNIA EDISON CO
NOZAKI, SUMIKICHI	PURCHASED 5.00	UNITED CALIFORNIA BANK
OTANI, CHISATO	LEASED 25.00	SOUTHERN CALIFORNIA EDISON CO
PICO COUNTY WATER DISTRICT	LEASED 145.50	DOMINGUEZ WATER CORPORATION
PICO COUNTY WATER DISTRICT	LEASED 500.00	DOMINGUEZ WATER CORPORATION
PICO COUNTY WATER DISTRICT	LEASED 500.00	EL SEGUNDO, CITY OF
PICO COUNTY WATER DISTRICT	LEASED 204.50	STAUFFER CHEMICAL COMPANY
PICO COUNTY WATER DISTRICT	LEASED 350.00	UNITED STATES STEEL CORP
REHDER, JOSEPHINE P.	LEASED 2.20	INOSKE, KENICHI
ROLLING HILLS VISTA	LEASED 160.00	INGLEWOOD, CITY OF
SANTA FE LAND IMPROVEMENT CO	LEASED 39.50	DOMINGUEZ WATER CORPORATION

TABLE 10. (Continued)  
TRANSFERS OF ADJUDICATED RIGHTS

PARTY	TRANSACTION AND AMOUNT IN ACRE-FEET			PARTY
SOUTHERN CALIFORNIA EDISON CO	LEASED	31.00	TO	NOZAKI, SUMIKICHI
SOUTHERN CALIFORNIA EDISON CO	LEASED	25.00	TO	OTA, I. CHISATO
STANDARD OIL COMPANY OF CALIF	LEASED	3,100.00	TO	ATLANTIC RICHFIELD COMPANY
STANDARD OIL COMPANY OF CALIF	LEASED	1,500.00	TO	MORTL OIL CORPORATION
STAUFFER CHEMICAL COMPANY	LEASED	204.50	FROM	PICO COUNTY WATER DISTRICT
TEXACO INCORPORATED	LEASED	999.00*	FROM	CALIFORNIA WATER SERVICE CO
TEXACO INCORPORATED	LEASED	34.30*	FROM	GONZALES, FELIPE AND GABRIELA
TORRANCE SAND AND GRAVEL CORP	SOLO	144.00	TO	CHANDLER'S PALOS VERDES SAND AND GRAVEL CORPORATION
UNION OIL COMPANY OF CALIF	LEASED	1,050.00	TO	ATLANTIC RICHFIELD COMPANY
UNITED CALIFORNIA BANK	SOLO	2.00	TO	A P C NURSERY, INC
UNITED CALIFORNIA BANK	SOLO	5.00	TO	NOZAKI, SUMIKICHI
UNITED STATES STEEL CORP	LEASED	350.00	TO	PICO COUNTY WATER DISTRICT
WATSON LAND COMPANY	LEASED	80.20	TO	DOMINGUEZ WATER CORPORATION

\* Lessee includes carryover flexibility right.

demand. Therefore, allowing some deviations from the limits and guidelines of the Judgment is considered a reasonable solution.

Table 11 summarizes all overextractions. Of the twelve parties listed, five exceeded the limit imposed by the Judgment. All five parties have purchased exchange pool water to meet their 1974-75 water needs.

The Watermaster recommends that no court action be taken at this time against the parties exceeding the limit.

#### Carryover of Adjudicated Right

The provision in the Judgment (Paragraph VI) relative to allowable carryover of unused water right states in part: "...each of the parties... who ... does not extract ... all of such party's Adjudicated Right ... is permitted to carry over from such

water year the right to extract...in the next succeeding water year an amount of water equivalent to the excess of Adjudicated Right over his extraction during said water year not to exceed, however, 10% of such party's Adjudicated Right or two acre-feet, whichever is the larger." (Emphasis added.)

The Watermaster, in reviewing water right lease documents, assumes that when not specifically conveyed to the lessee by the lease document, the amount leased is not deducted from the lessor's Adjudicated Right in computing the permissible allowable carryover or overextraction.

All lease documents should contain a statement as to which party is entitled to the benefit of the amount leased in computing carryover or overextractions. Item (5) in the suggested Water Right License and Agreement shown on page 62, is sufficient for this requirement.

TABLE II OVEREXTRACTIONS  
(in acre-feet)

Party	(1)	(2)	(3)	(4)	(5)	(6)
	Adjudicated Right	Allowable Extractions <sup>a/</sup>	Amount Pumped	Overextraction <sup>b/</sup> (2)-(3)=(4)	Allowable <sup>b/</sup> Overextraction <sup>c/</sup> (2)-(3)=(4)	Overextraction in percent of Adjudicated Right [(4) ÷ (1)] × 100=(6)
American Plant Growers Inc.	10.00	37.00	38.81	- 1.81	2.00	18.10
Los Angeles County Sanitation District No. 2	102.00	104.71	106.20	- 1.49	10.20	1.46
Mayflower Nurseries	0.00	0.78	25.48	-24.70 <sup>c/</sup>	2.00	---
Nozaki, Sumikichi	7.00	41.43	45.98	- 4.55 <sup>c/</sup>	2.00	65.00
Otani, Chisato	0.00	25.00	34.98	- 9.98 <sup>c/</sup>	2.00	---
Pacific Crest Cemetery Company	39.40	43.34	46.12	- 2.78	3.94	7.06
Roman Catholic Archbishop of Los Angeles	72.30	156.34	171.48	-15.14 <sup>c/</sup>	7.23	20.94
Southern California Edison Company	57.10	6.81	7.80	- 0.99	5.71	1.73
Southern California Water Company	6,548.64	6,372.73	6,433.80	-61.07	654.86	0.93
Torrance, City of	3,804.73	3,771.18	3,785.72	-14.54	380.47	0.38
Union Nursery, Inc.	4.70	23.78	26.08	- 2.30 <sup>c/</sup>	2.00	48.94
United States Steel Corp.	1,791.00	1,162.03	1,170.27	- 8.24	179.10	0.46

<sup>a/</sup> See column (5) of Table 4 for derivation.

<sup>b/</sup> Computed as 2 acre-feet or 10 percent of Adjudicated Right [Column (1)] whichever is larger.

<sup>c/</sup> In violation of Judgment.



## V. ADMINISTRATIVE COSTS

Expenses incurred in administering Watermaster Service Areas are payable one-half by the State and one-half by the parties. To obtain the funds required, the Watermaster prepares a tentative budget each year, stating the anticipated expense for administering the provisions of the Judgment. A copy is mailed to each of the parties at least 60 days before the beginning of each water year. If no objections are received within 15 days, it then becomes final.

The 1973-74 tentative budget, mailed on July 31, 1973, received no objections and became the final budget on August 15, 1973. The final approved budget is presented in Table 12. The

administrative cost chargeable to each party is in proportion to its "Adjudicated Right" and is payable on, or prior to, the first day of the water year. A 5 percent penalty is added if charges become delinquent. A total of \$21.11 was collected in penalties for delayed payments. Apportionment of the parties' share of the budget for the 1973-74 water year is set forth in Table 13.

Income and expenditures for Watermaster Service during the 1973-74 water year are shown in Table 14. Any credit or debit balance is carried forward into the succeeding water year. The parties' share of the 1973-74 carryover amounts to \$6,324.04

TABLE 12. APPROVED BUDGET FOR 1973-74

Salaries and wages	\$32,164
Operating expenses	<u>15,958</u>
 TOTAL BUDGET	 \$48,122
 One-half payable by State	 \$24,061
One-half payable by parties, Less estimated carryover from 1972-73	24,061 <u>0</u>
 TOTAL AMOUNT BILLED	 \$24,061

TABLE I3. APPORTIONMENT OF PARTIES' SHARE OF 1973-74 BUDGET

Party	: Adjudicated : Right (in acre-feet):	Apportionment paid
ABC Nursery, Incorporated	22.10	\$ 8.25
American Plant Growers, Incorporated	10.00	3.73 <sup>a</sup> /
Asahi Fancy Koi, Incorporated	2.00	0.75 <sup>a</sup> /
Atlantic Richfield Company	4,428.00	1,652.63 <sup>a</sup> /
Automation Industries, Inc. - Harris Tube	0.70	0.26 <sup>a</sup> /
California Water Service Company	3,071.00	1,146.17
Carson-Madrone Company	104.00	38.82
Chandler's Palos Verdes Sand and Gravel Corp.	294.20	109.80
Columbia Broadcasting System, Incorporated	9.50	3.55 <sup>a</sup> /
Curtis, Owen W.	0.36	0.13 <sup>a</sup> /
Delaney, Golda, Estate of	4.10	1.53 <sup>a</sup> /
Desser Enterprises	0.00	0 <sup>a</sup> /
Dominguez Water Corporation	10,150.65	3,788.45
El Segundo, City of	953.00	355.68
Engelsma, Jake	12.10	4.52
Etchemendy, Caroline, Estate of	8.20	3.06
Fletcher Oil and Refining Company	90.00	33.59
Fujimoto, Samuel R. and Raymond S.	20.00	7.46
Futura Industries, Incorporated	44.40	16.57
Garrett Corporation, The	22.50	8.40
Georgia-Pacific Corporation <sup>b</sup>	3.40	1.27 <sup>a</sup> /
Gillingham, Florence R., et al.	2.40	0.90 <sup>a</sup> /
Gonzales, Felipe and Gabriela	34.30	12.80
Grant, John, Estate of	59.00	22.02
Hawthorne, City of	1,882.00	702.40
Hillside Memorial Park	29.20	10.90
Hollywood Turf Club	282.00	105.25
Industrial Chemical Division - Allied Chemical Corporation	255.00	95.17
Inglewood, City of	4,402.09	1,642.96 <sup>a</sup> /
Inose, Kenichi	5.40	2.02
Johns-Manville Products Corporation	881.00	328.81
Joughin Torrance Ranch <sup>b</sup>	3.33	1.24 <sup>a</sup> /
Lagerlof, Stanley C.	3.50	1.31 <sup>a</sup> /
Lermens, Alfred	0.70	0.26 <sup>a</sup> /
Leuzinger, Emma L., Estate of	1.40	0.52 <sup>a</sup> /
Long Beach, City of	0.70	0.26 <sup>a</sup> /
Lopes, Frank	3.70	1.38 <sup>a</sup> /
Los Angeles, City of	1,503.00	560.95
Los Angeles County - Alondra Park	67.70	25.27
Los Angeles County Sanitation District No. 2	102.00	38.07
Los Angeles County Waterworks District No. 13	1,352.00	\$ 504.60
Los Angeles County Waterworks District No. 22	551.00	205.65
Los Angeles County-Western Avenue Golf Course	296.00	110.47
Loyola Marymount University	48.10	17.95 <sup>c</sup> /
Manhattan Beach, City of	1,131.20	422.19 <sup>c</sup> /

TABLE 13. (Continued)  
APPORTIONMENT OF PARTIES' SHARE OF 1973-74 BUDGET

Party	: Adjudicated : Right :(in acre-feet):	Apportionment paid
Mayflower Nurseries	0.00	0 <sup>a/</sup>
McDonnell Douglas Corporation	1.70	0.63 <sup>a/</sup>
Mobil Oil Corporation	2,570.00	959.18 <sup>a/</sup>
Mori, Roy H. and Kenji	3.60	1.34 <sup>a/</sup>
Northrop Corporation, Aircraft Division	38.15	14.24
Noraki, Sumikichi	2.00	0.75 <sup>a/</sup>
Otani, Chisato	0.00	0 <sup>a/</sup>
Pacific Crest Cemetery Company	39.40	14.70 <sup>a/</sup>
Palos Verdes Begonia Farm <sup>b/</sup>	0.00	0 <sup>a/</sup>
Palos Verdes Water Company	999.00	372.85
Park Water Company	160.00	59.72
Phillips Petroleum Company	167.00	62.33 <sup>a/</sup>
Rehor, Josephine P.	2.20	0.82 <sup>a/</sup>
Rockwell, Michael L.	0.10	0.04 <sup>a/</sup>
Roman Catholic Archbishop of Los Angeles	72.30	26.98
Santa Fe Land Improvement Company	39.50	14.74
Sheets, Esther M.	5.50	2.05 <sup>a/</sup>
Shell Oil Company	4,516.00	1,685.47
Southern California Edison Company	57.10	21.31
Southern California Water Company	6,548.64	2,444.10
Sparkletts Drinking Water Corporation	152.60	56.95
Standard Oil Company of California	4,601.30	1,717.31
Stauffer Chemical Company	521.00	194.45
Superior Oil Company	26.40	9.85
Texaco, Incorporated	3,432.00	1,280.90
Torrance, City of	3,804.73	1,420.01 <sup>a/</sup>
Union Nursery, Incorporated	4.70	1.75 <sup>a/</sup>
Union Oil Company of California	2,670.00	996.50
United California Bank	7.00	2.61 <sup>a/</sup>
United States Steel Corporation	1,791.00	668.44
Watson Land Company	80.20	29.93
Wiseburn School District	8.20	3.06 <sup>a/</sup>
Ziegler, Maxwell T.	0.00	0 <sup>a/</sup>
<b>TOTALS</b>	<b>64,468.25</b>	<b>\$ 24,060.98<sup>d/</sup></b>

<sup>a/</sup> Payment waived on apportionment of less than \$3 in accordance with Section 13943.5 of the Government Code. A total of \$21.82 was waived in this manner.

<sup>b/</sup> Was a party at the time of billing.

<sup>c/</sup> Delayed payment, penalty assessed. A total of \$21.11 was collected in penalties.

<sup>d/</sup> Includes payments which were waived (see footnote (a)) and excludes penalty payments.

TABLE 14. 1973-74 INCOME AND EXPENDITURES

Item	Parties	State	Parties and State
<u>Income</u>			
From 1973-74 budget	\$24,039.16	\$24,061.00	\$48,100.16
Balance from 1972-73	4,966.63		4,966.63
From budget penalties	<u>21.11</u>	<u>21.11</u>	<u>21.11</u>
TOTAL INCOME	\$29,026.90	\$24,061.00	\$53,087.90
<u>Expenditures</u>			
Salaries and wages	\$16,018.22	\$16,018.22	\$32,036.44
Operating expenses			
Miscellaneous indirect cost <sup>a/</sup>	5,344.40	5,344.40	10,688.80
Travel in State	10.88	10.87	21.75
Printing annual report	214.18	214.19	428.37
Electronic machine computing	586.85	586.85	1,173.70
Other <sup>b/</sup>	<u>528.33</u>	<u>528.32</u>	<u>1,056.65</u>
TOTAL EXPENDITURES	<u>\$22,702.86</u>	<u>\$22,702.85</u>	<u>\$45,405.71</u>
BALANCE	<u>\$ 6,324.05</u>	<u>\$ 1,358.15</u>	<u>\$ 7,682.19</u>

<sup>a/</sup> Rent, utilities, auto rental, communications, retirement, employee's health plan, and workmen's compensation incurrence.  
<sup>b/</sup> Equipment rental, mobile equipment operation, engineering contracts.  
<sup>c/</sup> Total credit to parties in 1974-75 water year, subject to delayed charges or credits.

APPENDIX A

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES  
SEPTEMBER 30, 1974  
AND

COPIES OF DOCUMENTS SUBSTANTIATING  
TRANSFERS OF ADJUDICATED RIGHT

## APPENDIX A

## TABLE OF CONTENTS

	<u>Page</u>																										
Adjudicated Right of West Coast Basin Parties, September 1974 . . . . .	48																										
Copies of Documents Substantiating Transfer of Adjudicated Right . . . . .	53																										
<table> <thead> <tr> <th style="text-align: left;"><u>Party</u></th> <th style="text-align: left;"><u>Agreement with</u></th> </tr> </thead> <tbody> <tr> <td>ABC Nursery, Inc.</td> <td>United California Bank . . . . .</td> </tr> <tr> <td>Asahi Fancy Koi, Inc.</td> <td>Engelsma, Jake (see 1969-70 report)</td> </tr> <tr> <td>Atlantic Richfield Co.</td> <td>Dominguez Water Corporation . . . . . Industrial Chemical Division-Allied Chemical Corporation . . . . . Inglewood, City of . . . . . Standard Oil Company of California . . . . . Union Oil Company . . . . .</td> </tr> <tr> <td>Chandlers Palos Verdes Sand and Gravel Corp.</td> <td>Torrance Sand and Gravel Corporation . . . . .</td> </tr> <tr> <td>Dominguez Water Corp.</td> <td>Atlantic Richfield Company . . . . . Carson-Madrona Company . . . . . CBS Inc. (see 1970-71 report) Etchemendy, Caroline, Estate of (see 1972-73 report) Lagerlof, Stanley C. . . . . Loyola-Marymount University . . . . . Pico County Water District . . . . . Santa Fe Land Improvement Company . . . . . Watson Land Company . . . . .</td> </tr> <tr> <td>Hillside Memorial Park and Mausoleum</td> <td>Grant, John, Estate of . . . . .</td> </tr> <tr> <td>Inglewood, City of</td> <td>Georgia-Pacific Corporation . . . . .</td> </tr> <tr> <td>Inose, Kenichi</td> <td>Rehor, Josephine P., Estate of (see 1972-73 report)</td> </tr> <tr> <td>Los Angeles, City of</td> <td>Los Angeles County Waterworks District No. 13 . . . . .</td> </tr> <tr> <td>Mobil Oil Corporation</td> <td>El Segundo, City of . . . . . Standard Oil Company of California . . . . .</td> </tr> <tr> <td>Nozaki, Sumikichi</td> <td>Southern California Edison Company . . . . .</td> </tr> <tr> <td>Otani, Chisato</td> <td>United California Bank . . . . . Southern California Edison Company . . . . .</td> </tr> </tbody> </table>		<u>Party</u>	<u>Agreement with</u>	ABC Nursery, Inc.	United California Bank . . . . .	Asahi Fancy Koi, Inc.	Engelsma, Jake (see 1969-70 report)	Atlantic Richfield Co.	Dominguez Water Corporation . . . . . Industrial Chemical Division-Allied Chemical Corporation . . . . . Inglewood, City of . . . . . Standard Oil Company of California . . . . . Union Oil Company . . . . .	Chandlers Palos Verdes Sand and Gravel Corp.	Torrance Sand and Gravel Corporation . . . . .	Dominguez Water Corp.	Atlantic Richfield Company . . . . . Carson-Madrona Company . . . . . CBS Inc. (see 1970-71 report) Etchemendy, Caroline, Estate of (see 1972-73 report) Lagerlof, Stanley C. . . . . Loyola-Marymount University . . . . . Pico County Water District . . . . . Santa Fe Land Improvement Company . . . . . Watson Land Company . . . . .	Hillside Memorial Park and Mausoleum	Grant, John, Estate of . . . . .	Inglewood, City of	Georgia-Pacific Corporation . . . . .	Inose, Kenichi	Rehor, Josephine P., Estate of (see 1972-73 report)	Los Angeles, City of	Los Angeles County Waterworks District No. 13 . . . . .	Mobil Oil Corporation	El Segundo, City of . . . . . Standard Oil Company of California . . . . .	Nozaki, Sumikichi	Southern California Edison Company . . . . .	Otani, Chisato	United California Bank . . . . . Southern California Edison Company . . . . .
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TABLE OF CONTENTS (continued)

<u>Party</u>	<u>Agreement with</u>	<u>Page</u>
Pico County Water District	El Segundo, City of . . . . .	63
	United States Steel Corporation . . . . .	64
Rolling Hills Vista	Inglewood, City of . . . . .	65
Stauffer Chemical Co.	Pico County Water District . . . . .	66
Texaco, Inc.	California Water Service Company (see 1969-70 report) Gonzales, Felipe and Gabriela (see 1971-72 report)	
Suggested Samples of Documents for Transferring Water Rights		
Yearly Lease . . . . .		67
Permanent Transfer . . . . .		67

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES  
SEPTEMBER 1974

**ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES**  
**SEPTEMBER 1974**  
**(Continued)**

DOM WILSON BUILDERS SUCCESSOR TO KASUO ISAMU AND YOSHIKI R. KITA SOLD TO DOMINGUEZ WATER CORPORATION TOTAL	32.60 -32.60 0.00	GONZALES, FELIPE AND GABRIELA GRAND LAND COMPANY SUCCESSOR IN PART TO SMITH, A. H. ET AL. ABANDONED WATER RIGHTS 1961-62 TOTAL	34.30*
Douglas Aircraft Company, Incorporated (See McDonnell Douglas Corp.)			
DRAPEK, CHARLES L. SOLD TO ALCAST FOUNDRY, ET AL. TOTAL	7.20 -7.20 0.00	GRANT, JOHN, ESTATE OF	59.00*
EARLY, M. J. AND DAISY SOLD TO DOMINGUEZ WATER CORPORATION SOLD TO SAMUEL R. AND RAYMOND R. FUJIMOTO TOTAL	111.00 -91.00 -20.00 0.00	GRANZ, ISABELA J. (PER JUDGMENT) PARTITIONED TO HEIRS ISABELA J. GRANZ ESTATE JOUGHIN TORRANCE RANCH GEORGE R. L. ROCK EMMA J. OSBORN SUBJECT TO LONG TERM LEASE STANAMU OIL COMPANY OF CALIFORNIA SUPERIOR OIL COMPANY TOTAL	380.00 -31.80 -212.42 -15.12 -32.66 59.60 26.40 86.00
EDISON SECURITIES COMPANY (NOW KNOWN AS ASSOCIATED SOUTHERN INVESTMENT CO.)			
ELLINWOOD, LATHROP M. SOLD TO ISAMU, KASUO AND YOSHIKI R. KITA TOTAL	32.60 -32.60 0.00	GRANZ, ISABELA J., ESTATE OF SUCCESSOR IN PART TO ISABELA J. GRANZ SOLD IN PART TO RICHARD BARCLAY AND R. A. WATT SOLD IN PART TO NED EWING, ET AL. SOLD IN PART TO R. A. WATT, INCORPORATED TOTAL	33.80 -13.45 -8.50 -13.70 0.00
EL SEGUNDO, CITY OF	953.00*		
ENGELSMAN, JAKE SUCCESSOR TO WILBUR HORNSTRA SOLD TO ASAMI FANCY KOI, INCORPORATED TOTAL	14.10 -2.00 12.10	HARRIS, R. AND L. SUCCESSOR TO LAWRENCE I. LISTON DISCLAIMED WATER RIGHT TOTAL	0.70 -0.70 0.00
ETCHMENDY, CAROLINE, ESTATE OF	8.20	HARRIS TUBE, INCORPORATED SUCCESSOR IN PART TO B. ROBINSON AND ASSOCIATES TRANSFERRED TO AUTOMATION INDU. INC.-HARRIS TUBE TOTAL	0.70 -0.70 0.00
EWING, CARMELLITA ROSECRANS SOLD TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	91.30 -91.30 0.00	HAWTHORNE, CITY OF	1882.00
EWING, NED ET AL. SUCCESSOR IN PART TO ISABEL J. GRANZ ESTATE SOLD TO R. A. WATT, INCORPORATED TOTAL	6.50 -6.50 0.00	HENDERSON, BEATRICE M. ABANDONED WATER RIGHT TOTAL	1.30 -1.30 0.00
FLESH, LESLIE R. AND ANDOR PASTERNAK, ET AL. SUCCESSORS TO ALFRED D. AND RUTH SEABACK SOLD TO STANLEY C. LAGERLOF TOTAL	3.50 -3.50 0.00	HEYDENPECK, JEANETTE R. (FORMERLY JEANETTE R. REIFSNYDER) SOLD TO DOMINGUEZ WATER CORPORATION TOTAL	0.70 -0.70 0.00
FLETCHER OIL AND REFINING COMPANY (FORMERLY FLETCHER OIL COMPANY) SUCCESSOR TO FLETCHER, ROBERT G. ET AL TOTAL	86.30 3.70 90.00*	HILLSIDE MEMORIAL PARK SUCCESSOR TO SIGMUND S. AND LIONEL S. HOCKWALL TOTAL	16.70 12.50 282.00*
FLETCHER, ROBERT G., DANIEL S., AND WILFRED O. SUCCESSOR TO FRED A. JINGSOOK SOLD TO FLETCHER OIL AND REFINING COMPANY TOTAL	3.70 -3.70 0.00	HOKWALL, SIGMUND S. AND LIONEL S. SUCCESSOR TO W. J. FROGGE SOLD TO HILLSIDE MEMORIAL PARK TOTAL	1.50 -1.50 0.00
FROGGE, W. J. SOLD TO SIGMUND S. AND LIONEL S. HOCKWALL TOTAL	12.50 -12.50 0.00	HOLLYWOOD TURF CLUB	182.00*
FUKUWA, HERBERT SAKAYE (DOING BUSINESS AS MAYFLOWER NURSERIES)		HORNSTRAT, WILHELM SOLD TO JAKE ENGELSMAN TOTAL	14.10 -14.10 0.00
FULLILOVE, ROBERT L. SOLD TO STATE OF CALIFORNIA TOTAL	1.00 -1.00 0.00	HUNT, DONALD G. SUCCESSOR TO JAMES SCANIA SOLD TO KENICHI INOSE TOTAL	1.90 -1.90 0.00
FUJIMOTO, SAMUEL R. AND RAYMOND S. SUCCESSOR IN PART TO M. J. AND DAISY EARLY	29.00	INDUSTRIAL CHEMICAL DIVISION, ALLIED CHEMICAL CORP. (FORMERLY ALLIED CHEMICAL CORP., GEN. CHEMICAL CO.)	214.00*
FUTURA INDUSTRIES, INCORPORATED SUCCESSOR TO SPANISH AMERICAN INSTITUTE	44.40	INGLEWOOD, CITY OF SUCCESSOR TO FRANK ABELL SUCCESSOR TO TU BOLSE CASCADE BUILDING COMPANY SUCCESSOR TO GEORGIA-PACIFIC CORPORATION SUCCESSOR IN PART TO GEORGE R. MURKUL TOTAL	4382.00 1.80 16.40 3.40 1.30 4407.40*
GARRETT CORPORATION, THE SUCCESSOR TO SHINDO BROTHERS, INCORPORATED	22.50*	INOSE, KENICHI SUCCESSOR TO DONALD G. HUNT SUCCESSOR TO THAXTER, RALPH AND LOIS A. LENHART TOTAL	1.90 -1.90 5.40*
GEORGIA-PACIFIC CORPORATION SUCCESSOR TO COAST FOREST PRODUCTS SOLD TO INGLEWOOD, CITY OF TOTAL	3.40 -3.40 0.00	ISAMU, KASUO AND YOSHIKI R. KITA SUCCESSOR TO LATHROP M. ELLINWOOD SOLD TO DOM WILSON BUILDERS TOTAL	32.60 -32.60 0.00
GERAHUE LAND COMPANY SUCCESSOR AND ASSIGNEE FOR A. S. JOHNSTON DRILL CO ABANDONED WATER RIGHT TOTAL	11.90 -11.90 0.00	JENKINS, MARRY L. SUCCESSOR TO M. L. PERRY SOLD TO ARC NURSERY, INCORPORATED TOTAL	1.80 -1.80 0.00
GILLINGHAM, FLORENCE R., ET AL.	2.40*		

**ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES**  
**SEPTEMBER 1974**  
**(Continued)**

JOHNS-MANVILLE PRODUCTS CORPORATION	BU1.00*	MAYFLOWER NURSERIES (SEE ALSO UNDER HERBERT SAKAYE FUKUWAI)	0.00*
JOHNSON, C. F. TRANSFERRED TO KAORU AND SATOJI WADA TOTAL	12+20 -12+20 0.00	MCFLANLESS, JAMES SOLD TO SPARKLETT'S DRINKING WATER CORPORATION TOTAL	6+70 -6+70 0.00
JOHNSON, A. S., DRILLING COMPANY ASSIGNED TO GEROME LAND COMPANY TOTAL	11+90 -11+90 0.00	MCDONNELL DOUGLAS CORPORATION (FORMERLY DOUGLAS AIRCRAFT COMPANY, INCORPORATED LONG TERM LEASE FROM UNITED STATES NAVY DEPARTMENT	1+70
JONES, ANNA MAE SOLD TO CITY OF TORRANCE TOTAL	50+20 -50+20 0.00	MOBIL OIL CORPORATION (FORMERLY SOCONY MOBIL OIL COMPANY)	2570+00
JOUGHIN TORRANCE RANCH SUCCESSION IN PART TO ISABELA J. GRANZ SOLD IN PART TO BARCLAY HOLLANDER CORLI INC SOLD IN PART TO BOISE LASCAUP BUILDING COMPANY SOLD IN PART TO COLLISTER, CAMERON SOLD IN PART TO R. A. WATT, INCORPORATED TOTAL	212+42 -3+33 -16+92 -136+82 -55+35 0.00	MONETA MUTUAL WATER COMPANY SOLD TO CITY OF TORRANCE TOTAL	916+00 -916+00 0.00
JUNQVIST, FRED A. (FORMERLY KATHERINE P. WOODMAN JUNQVIST) SOLD TO ROBERT G. DANIEL S. + WILFRED D. FLETCHER TOTAL	3+70 -3+70 0.00	MORAN, RONALD E. SUCCESSION IN PART TO C. O. S. + INCORPORATED SOLD TO CITY OF TORRANCE TOTAL	4+00 -9+70 0.00
KAHLERT, ET AL SUCCESSION IN PART TO KELLY PIPE COMPANY SOLD TO SPARKLETT'S DRINKING WATER CORPORATION TOTAL	18+90 -18+90 0.00	MORI, ROY M. AND KENJI SECOND WEST COAST BASIN JUDGMENT SOLD TO NOZAKI, SUMIKICHI TOTAL	5+60 -2+00 3+60*
KELLY PIPE COMPANY SOLD IN PART TO STATE OF CALIFORNIA SOLD IN PART TO KAHLERT, ET AL. SOLD IN PART TO SPARKLETT'S DRINKING WATER CORP. TOTAL	49+00 -16+30 -18+90 -12+80 0.00	MURDOCK, GEORGE H. SUCCESSION IN PART TO ISABELA J. GRANZ SOLD IN PART TO R. BARCLAY AND R. A. WATT SOLD IN PART TO CITY OF INGLEWOOD TOTAL	15+12 -13+75 -1+37 0.00
KURTZ, GLADYS SOLD TO SPARKLETT'S DRINKING WATER CORPORATION TOTAL	3+50 -3+50 0.00	NAKANO, KIKUNO, ET AL. SOLD TO DOMINGUEZ WATER CORPORATION TOTAL	19+30 -19+30 0.00
LAGERLOF, STANLEY L. SUCCESSION TO LESLIE R. FLESH AND ANDOR PASTERNAK, ET AL	3+50	NAVARRO, T. C. SOLD TO HILARIO S. AND EMMA ALWAG TOTAL	53+90 -53+90 0.00
LAWLER, JAMES K. SOLD TO R. ROBINSON AND ASSOCIATES TOTAL	3+10 -3+10 0.00	NORAIR, A DIVISION OF NORTHROP CORPORATION (FORMERLY KNOWN AS NORTHROP AIRCRAFT, INC.)	38+15
LERMENS, ALFRED	0+70*	NORMANDIE PARK SUCCESSION TO COLLISTER, CAMERON SOLD TO CITY OF TORRANCE TOTAL	136+82 -136+82 0.00
LEUZINGER, EMMA L.	1+40	NOZAKI, SUMIKICHI SUCCESSION IN PART TO MORI, ROY M. AND KENJI SUCCESSION IN PART TO UNITED CALIFORNIA BANK TOTAL	2+00 5+00 7+00*
LISTON, LAWRENCE SOLD TO R. AND L. HARRIS TOTAL	0+70 -0+70 0.00	OSBORN, EMMA J. SUCCESSION IN PART TO ISABELA J. GRANZ SOLD TO R. BARCLAY AND R. A. WATT TOTAL	32+66 -32+66 0.00
LONG BEACH, CITY OF	0+70	OTANI, CHISATO	0.00*
LOPES, FRANK	3+70	PACIFIC CREST CEMETERY COMPANY SUCCESSION TO H. S. SCOTT SUCCESSION TO WADA, KAZUO AND SATO TOTAL	17+70 9+50 12+20 39+40
LOS ANGELES CITY OF	1503+00	PALOS VERDES BEACH FARM SUCCESSION TO GUS A. BAUMAN	0.00*
LOS ANGELES COUNTY-ALONDA PARK SUCCESSION IN PART TO LOS ANGELES COUNTY FLOOD CONTROL DIST TOTAL	28+70 -35+00 67+70*	PALOS VERDES WATER COMPANY SOLD TO CALIFORNIA WATER SERVICE COMPANY TOTAL	17+70 9+50 12+20 39+40
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT SUCCESSION IN PART TO A. M. SMITH, ET AL SOLD TO LOS ANGELES COUNTY - ALONDA PARK TOTAL	37+60 1+40 -39+00 0.00	PARK WATER COMPANY	160+00*
LOS ANGELES COUNTY SANITATION DISTRICT NO. 2	102+00*	PARKER, ZOHAILA SOLD TO M. L. PERRY TOTAL	1+80 -1+80 0.00
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 13	1352+00*	PASCHKE, WILLIAM JOSEPH ABANDONED WATER RIGHT TOTAL	0+02 -0+02 0.00
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 22	551+00*	LOYOLA HAYMOUNT UNIVERSITY FORMERLY LOYOLA UNIVERSITY OF LOS ANGELES	48+10*
LOS ANGELES COUNTY - WESTERN AVENUE GOLF COURSE SECOND WEST COAST BASIN JUDGMENT LISTED AS BOARD OF RETIREMENT OF THE LOS ANGELES COUNTY EMPLOYEES RETIREMENT SYSTEM	296+00*	MANHATTAN BEACH, CITY OF	1131+20*

**ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES**  
**SEPTEMBER 1974**  
**(Continued)**

FRONTELL, L.					
SUCCESSOR TO ZORAIOR PARKE	1+80				
SOLD TO HARRY C. JENKINS	-1+80				
TOTAL	0+00				
PHILLIPS PETROLEUM COMPANY (FORMERLY TIDEWATER OIL COMPANY)	167+00*				
REHOR, JOSEPHINE P.	2+20				
REILFSNYDER, JEANETTE R. (NOW KNOWN AS JEANETTE H. HEYDENBECK)					
RICHFIELD OIL CORPORATION (NOW KNOWN AS ATLANTIC RICHFIELD COMPANY)					
ROBINSON, B. & ASSOCIATES					
SUCCESSOR TO JAMES K. LAWLER	3+10				
SOLD IN PART TO HARRIS TUBE, INCORPORATED	-0+70				
SOLD IN PART TO SOUTHERN CALIFORNIA WATER COMPANY	-2+40				
TOTAL	0+00				
ROCKWELL, MICHAEL L.					
SUCCESSOR TO BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION (TRUST B 1-51)	0+10				
RODRIGUEZ, FLAVIO	6+10				
SOLD TO STATE OF CALIFORNIA	-4+00				
DISCLAIMED WATER RIGHT	-2+10				
TOTAL	0+00				
ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES (HOLY CROSS CEMETERY)	72+30*				
RUFFNER CORPORATION					
SUCCESSOR TO LOUIS M. SEPULVEDA	0+70				
ABANDONED WATER RIGHT	-0+70				
TOTAL	0+00				
RYAN AERONAUTICAL COMPANY	20+20				
SOLD TO SOUTHERN CALIFORNIA WATER COMPANY	-20+20				
TOTAL	0+00				
SANTA FE LAND IMPROVEMENT COMPANY	39+50*				
SCANDA, JAMES AND GEORGE NASSIN	1+90				
SOLD TO DONALD G. MINT	-1+90				
TOTAL	0+00				
SCHLAFELD, KEITH W. AND OPAL R.	13+60				
SOLD TO SIDNEY R. AND CHARLOTTE W. TITL	-13+60				
TOTAL	0+00				
SCOTT, M. S.					
SUCCESSOR TO W. F. BURKE AND LUIS PRILLE	9+50				
QUITCLAIMED TO PACIFIC CREST CEMETERY COMPANY	-9+50				
TOTAL	0+00				
SEABACK, ALFRED D. AND RUTH	3+50				
SOLD TO LESLIE R. FLESH AND ANDOR PASTERNAK, ET AL	-3+50				
TOTAL	0+00				
SEPULVEDA, LOU J. M.	0+70				
ACQUIRED BY RUFFNER CORPORATION	-0+70				
TOTAL	0+00				
SHEETS, ESTHER M. (FORMERLY CLYDE L. SHEETS)	5+50				
SHELL OIL COMPANY	4516+00*				
SHINDO BROTHERS, INCORPORATED					
SECOND WEST COAST BASIN JUDGMENT	22+50				
SOLD TO GANNETT CORPORATION, TML	-22+50				
TOTAL	0+00				
SMITH, A. M., ISAM SUMER AND FREDA SMITH	9+70				
SOLD IN PART TO STATE OF CALIFORNIA	-2+60				
SOLD IN PART TO GRAND LAND COMPANY	-5+70				
SOLD IN PART TO L. A. CO. FLOOD CONTROL DISTRICT	-1+40				
TOTAL	0+00				
SOMONY MOBIL OIL COMPANY (SEE MOBIL OIL COMPANY)					
SOUTHERN CALIFORNIA EDISON COMPANY	16+40				
SUCCESSOR TO ASSOCIATED SOUTHERN INVESTMENT CO.	-46+70				
TOTAL	57+10*				
SOUTHERN CALIFORNIA WATER COMPANY					
SUCCESSOR TO CARLSON, ROSEN AND SWING	91+30				
SUCCESSOR TO RYAN AERONAUTICAL COMPANY	20+50				
SUCCESSOR TO SOUTHERN CALIFORNIA WATER COMPANY	166+00				
SUCCESSOR IN PART TO OWEN W. CURTIS	3+44				
SUCCESSOR IN PART TO D. RUBINSON AND ASSOCIATES	2+40				
TOTAL	6265+30				
SOUTHERN PACIFIC COMPANY					
SOLD TO SO. CALIFORNIA WATER COMPANY	166+00				
TOTAL	-166+00				0+00
SOUTHWEST STEEL ROLLING MILLS					
SUCCESSOR TO A. K. WILSON LIQUER COMPANY	3+40				
SOLD TO COAST FOREST PRODUCTS	-3+40				0+00
TOTAL					
SOUTHWESTERN PORTLAND CEMENT COMPANY					
SOLD TO CHANDLER'S PALOS VERDES SAND + GRAVEL CORP.	15+00				
TOTAL	-15+00				0+00
SPANISH AMERICAN INSTITUTE					
SOLD TO FUTURA INDUSTRIES, INCORPORATED	44+00				
TOTAL	-44+00				0+00
SPARKLETT'S DRINKING WATER CORPORATION					
SUCCESSOR TO JADY KURTZ	3+50				
SUCCESSOR TO JAMES MCCANDLESS	6+70				
SUCCESSOR TO KAHLERT, ET AL.	18+90				
SUCCESSOR TO RYAN AERONAUTICAL AND RYAN, ET AL.	80+50				
SUCCESSOR TO STATE OF CALIFORNIA	26+10				
SUCCESSOR TO WCHSLEH, B. A.	3+30				
SUCCESSOR IN PART TO KELLY PIPE COMPANY	12+80				
TOTAL	156+00				
STANDARD OIL COMPANY OF CALIFORNIA					
					4541+70*
STAUFFER CHEMICAL COMPANY					
					521+00*
SUPERIOR OIL COMPANY					
					0+00
SWICK, PEGGY					
SOLD TO MILANIO AND ENMA ALWAI	5+50				
TOTAL	-5+50				0+00
TEXACO, INC.					
					3432+00
THAXTER, RALPH AND LOIS A. LENDER					
SOLD TO KENICHI INOUE	3+50				
TOTAL	-3+50				0+00
TIDEWATER OIL COMPANY (SEE PHILLIPS PETROLEUM COMPANY)					
TITLE: SIDNEY R. AND CHARLOTTE W.					
SUCCESSOR TO KEITH W. AND OPAL B. SCHLAFFELD	13+60				
SOLD TO ABC NURSERY, INCORPORATED	-13+60				
TOTAL	0+00				
TORRANCE, CITY OF					
SUCCESSOR TO ALCAT FOUNDRY, ET AL.	2519+00				
SUCCESSOR TO RICHARD HANCLAY, ET AL.	7+20				
SUCCESSOR TO BELVIDERF MUTHAI WATER COMPANY	50+20				
SUCCESSOR TO ANNA MAE JONES	33+40				
SUCCESSOR TO MONETA WATER COMPANY	50+20				
SUCCESSOR TO RONALD E. HODAN	916+00				
SUCCESSOR TO RONALD E. HODAN	9+00				
SUCCESSOR TO SOUTHERN CALIFORNIA PIPE	136+82				
SUCCESSOR TO TORRANCE UNIFIED SCHOOL DISTRICT	54+00				
SUCCESSOR TO T. K. A. WATT, INCORPORATED	13+72				
TOTAL	3804+73*				
TORRANCE SAND AND GRAVEL CORPORATION					
SUCCESSOR TO WESTON INVESTMENT COMPANY	184+00				
SOLD TO CHANDLER'S PALOS VERDES SAND + GRAVEL CORP.	-184+00				0+00
TOTAL					
TORRANCE UNIFIED SCHOOL DISTRICT					
SUCCESSOR TO MILANIO S. AND ENMA ALWAI	59+40				
SOLD TO CITY OF TORRANCE	-59+40				
TOTAL					0+00
TUNE, MATIS, ET AL.					
SUCCESSOR TO JOSEPHINE WATKINSON	1+10				
SOLD TO B. A. WECHSLER	-1+10				
TOTAL					0+00
UNION NURSERY, INCORPORATED					
SECOND WEST COAST BASIN JUDGMENT					4+70*
SINTON OIL COMPANY OF CALIFORNIA					
					46+00*

**ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES**  
**SEPTEMBER 1974**  
**(Continued)**

UNITED CALIFORNIA BANK			
SUCCESSOR TO BALLYMAN, ROSEMARY N.	7.00		
SOLD TO A H C NURSERY, INCORPORATED	-2.00		
SOLD TO NOZAKI, KIMIKO	-5.00		
TOTAL		0.00	
UNITED STATES NAVY DEPARTMENT			
TRANSFERRED FROM ALUMINUM COMPANY OF AMERICA	1.70		
LONG TERM LEASE TO MCDONNELL DOUGLAS CORPORATION	-1.70		
TOTAL		0.00	
UNITED STATES STEEL CORPORATION		1.71+00*	
VERBURGH, WILLIAM AND CLARA B.			
SOLD TO ABC NURSERY, INCORPORATED	6.70		
TOTAL	-6.70		
0.00			
WADA, KAORU AND SATOBU			
TRANSFERRED FROM C. F. JOHNSON	12.20		
SOLD TO PACIFIC CREST CEMETERY COMPANY	-12.20		
TOTAL		0.00	
WATKINSON, JOSEPHINE			
SOLD TO MATES TUNE, ET AL.	3.10		
TOTAL	-3.10		
0.00			
WATSON LAND COMPANY			
SUCCESSOR IN PART TO DOMINIQUE WATER CORPORATION	42.60		
TOTAL	-37.60		
80.20*			
WATT, W. A., INCORPORATED			
SUCCESSOR TO NED EWING, ET AL.	6.50		
SUCCESSOR IN PART TO ISABELA J. GRANZ ESTATE	13.75		
SUCCESSOR IN PART TO JOUHIN TAKKANE RANCH	55.35		
SOLD TO DOMINIQUE WATER CORPORATION	-61.85		
SOLD TO CITY OF TORRANCE	-13.75		
TOTAL		0.00	
WATERS, B. A.			
SUCCESSOR TO MATES TUNE, ET AL.	3.10		
SOLD TO SPARKLETTS DRINKING WATER CORPORATION	-3.10		
TOTAL		0.00	
WESTON INVESTMENT COMPANY			
SOLD TO TORRANCE SAND AND GRAVEL CORPORATION	184.00		
TOTAL	-184.00		
0.00			
WILSON, A. K., LUMBER COMPANY			
SOLD TO SOUTHWEST STEEL ROLLING MILLS	3.40		
TOTAL	-3.40		
0.00			
WISERBURN SCHOOL DISTRICT		8.20*	
WOODMAN, KATHERINE P.			
(SEE FRED A. JUNGQUIST)			
ZETTLER, MAXWELL T.		0.00*	
GRAND TOTAL		64468.25	

\*NUMBER OF EXCHANGE POOL AS OF SEPTEMBER 30, 1974.  
 PURSUANT TO PARAGRAPH VII OF THE JUDGMENT.



returned to Atlantic Richfield upon the same basis as that stated above.  
Said shall not pump water from said West Basin during the term of his lease in a quantity which would include any portion of the two hundred and fifty five (255) acre feet leased hereunder.

8 Atlantic Richfield shall pay all power costs and other production costs  
in connection with the production of the water referred to herein.

9 either party to this lease shall desire to serve a notice on the  
other, such notice shall be deemed to have been made if those sent to  
10 Allied are mailed to:

11 J. B. MARSH, Vice President  
12 ALLIED CHEMICAL CORPORATION  
13 850 So. Sepulveda Blvd.  
14 El Segundo,  
15 California 90245

and all notices sent to Atlantic Richfield are mailed to:

16 ATLANTIC RICHFIELD COMPANY  
17 1801 E. Sepulveda Blvd.  
Carson, California 90745  
Attn: B. E. Varon

Delivery will be deemed to have been made when deposited in the United  
States mail, postage prepaid. Either party may, by notice in writing to  
the other, change such address for notices to it.

In witness Whereof the parties hereto execute this agreement on the date  
first above written.

18 INDUSTRIAL CHEMICAL DIVISION  
19 ALLIED CHEMICAL CORPORATION

NY \_\_\_\_\_  
ATLANTIC RICHFIELD COMPANY  
NY \_\_\_\_\_  
Vice President

18  
19

20

21

22 NO. \_\_\_\_\_  
23 WATER USE LICENSE

24 The City of Inglewood, a municipal corporation, herein-  
25 after referred to as "INGLEWOOD", hereby grants to Atlantic  
26 Richfield Company, hereinafter referred to as "ATLANTIC":  
27 a license to extract 1,000 acre-feet of INGLEWOOD'S Restricted  
28 Pumping allocated to INGLEWOOD under the terms of the Decree  
29 in the action: California Water Service Company, et al. vs.  
30 Compton, No. 508806, during the period commencing October 1,  
31 1973, and continuing to and including September 30, 1974.

32 (1) Licensee shall exercise said right and extract  
33 the same on behalf of INGLEWOOD during the period  
34 above specified and put the same to beneficial use  
35 and licensee shall not by the exercise hereunder of  
36 said right acquire any right or interest whatsoever  
37 independent of the rights of licensor.

38 (2) ATLANTIC will pay to the Central and West Basin  
39 Water Replenishment District any pumping assessments  
40 levied by the District during the 1973-74 water year  
41 on the quantity of water extracted by ATLANTIC  
42 from the West Basin under said license.

43 (3) ATLANTIC will keep and maintain records of  
44 agreed production under this agreement and will  
45 report same to the Watermaster and to INGLEWOOD upon  
46 completion of ATLANTIC'S pumping.

47 INGLEWOOD warrants that it has 1,000 acre-feet of  
48 Restricted Pumping and that it has not pumped and will not  
49 pump or permit or license any other person to pump any part of  
50 said 1,000 acre-feet during the period of October 1, 1973  
51 through September 30, 1974.

52 \_\_\_\_\_

1 CITY OF INGLEWOOD, CALIFORNIA,  
2 a municipal corporation

3 By John E. Varon  
4 (TITLE)

5 ATTEST.

6 413 N. 4  
7 CITY CLERK  
8 (SEAL)

12 APPROVED AS TO FORM:  
13 Donald E. Johnson  
14 CITY ATTORNEY

15

16

17

1 AGREEMENT  
2 THIS AGREEMENT made and entered into this 19th  
3 day of January, 1974, by and between the CITY OF  
4 INGLEWOOD, a municipal corporation, hereinafter referred to  
5 as "INGLEWOOD" and ATLANTIC RICHFIELD COMPANY, hereinafter  
6 referred to as "ATLANTIC":

7 RECITALS

8 WHEREAS, both INGLEWOOD and ATLANTIC are producing  
9 from the West Basin; and  
10 WHEREAS, INGLEWOOD has an allowed pumping allocation  
11 of 4402.09 acre-feet of water per annum in said Basin;  
12 and

13 WHEREAS, ATLANTIC desires to make temporary use of  
14 a portion of INGLEWOOD'S allowed pumping allocation for one  
15 water year only:

16 NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:  
17 1. INGLEWOOD has granted to ATLANTIC by a separate  
18 document a license to produce a portion of INGLEWOOD'S  
19 West Basin allowed pumping allocation in the quantity of  
20 1,000 acre-feet for the water year which commences October 1,  
21 1973, and which water year ends on September 30, 1974.

22 2. ATLANTIC agrees to pay INGLEWOOD the net sum  
23 of \$29,000 in October, 1974.

24 IN WITNESS WHEREOF, the parties hereto have  
25 authorized the due execution hereof by their respective officers  
26 the day and year first above set forth.

27 ATLANTIC RICHFIELD COMPANY

28 By John E. Varon  
29 (TITLE)

30 And by Sabine E. Johnson  
31 (TITLE)  
32 ASSISTANT SECRETARY

Dated: TAX-3-1-39, 1973.

ATLANTIC RICHFIELD COMPANY

By A. W. Kirsch VICE PRESIDENT  
(TITLE)

And By J. W. Triplett (TITLE)

CITY OF INGLEWOOD, CALIFORNIA  
a California corporation

By APPOINTMENT OF  
MAYOR

ATTEST

CITY CLERK

APPROVED AS TO FORM

  
CITY ATTORNEY

64251.0

#### WATER RIGHTS LICENSE

For a valuable consideration, UNION OIL COMPANY OF CALIFORNIA, a corporation (Union), hereby grants to ATLANTIC HIGHFIELD COMPANY, a corporation (Licensee), a license to abstract, during the period beginning October 1, 1973 and ending September 30, 1974, 1,050 acre-feet of water per acre-foot of Adjudicated Right owned by Union under and pursuant to the Judgment of Adjudication Judgment dated August 18, 1961, entered in Los Angeles County Superior Court Case No. 566,806, entitled "California Water Service Company, et al. vs. City of Compton, et al".

This licensee shall be subject to the following conditions:

1. Licensee shall exercise this license and shall extract the aforesaid 1,150 acre-feet of Adjudicated Right on the dates and in the manner specified in the license, shall put the same to beneficial use, and Licensee shall not by the exercise hereunder of Union's right acquire any right to extract water independent of the right of Union.
2. Licensee shall keep and maintain accurate records of its ground water extractions made hereunder and shall report the same to the Central and West Basin Water Replenishment Court-appointed Watermaster, being the Department of Water Resources of the State of California, and to Union.
3. Licensee shall notify the District and the Watermaster that such ground water extraction was made pursuant to the provisions of this license agreement, a copy of which shall be furnished to the Watermaster by Union.
4. Licensee shall pay to the District an equalized water replenishment assessments levied by the District on the quantity of ground water extracted by Licensee hereunder.

Union warrants that it owns the aforesaid 1,050 acre-feet of Adjudicated Right and that the same has not been or shall it be restricted by Union or by any other party under authority granted by Union, during the period beginning October 1, 1973 and ending September 30, 1976.

DATED: November 16, 1973

UNION OIL COMPANY OF CALIFORNIA

ATLANTIC RICHFIELD COMPANY

By Fred M. Anderson  
Fred M. Anderson, President  
Union Real Estate Division

by Jeff French

ANR MIAMI RECORDER MAIL TR

416

J. Robert Maddox, SBA  
9100 Wilshire Boulevard  
Suite 955  
Beverly Hills, California 90212

DOCUMENTARY	100% TAX IS <u>REMOVED</u>
COMPUTED ON FULL VALUE OF PROPERTY CONVEYED.	
OR COMPUTED ON FULL VALUE LESS LIENS AND	
ENCUMBRANCES REMAINING AT TIME OF SALE	
 <u>John F. Kelly</u> <u>John F. Kelly</u> <u>John F. Kelly</u>	
Signature of Declarant or Agent authorized to sign	
The Five Points	

PRINTED BY WATER RIGHTS

FOR A VALUABLE CONSIDERATION, Phillip R. Michelson, as Trustee pursuant to that certain Declaration of Trust dated December 27, 1968 ("Grantor"), hereby sells and transfers to Chandler's Palos Verdes Sand & Gravel Co., a California corporation ("Grantee") all of its right, title and interest, to extract 186 acres-feet of Grantor's Adjudicated Right allocated to Grantor (or its predecessors in interest) under and pursuant to a judgment dated August 18, 1961, and entered in Los Angeles Superior Court Case No. 556 806, entitled "California Water Service Company, et al. v. City of Compton, et al.") provided, however, Grantee shall have no right or interest to enter in any other manner whatsoever, upon, above, through or into that certain real property located in the City of Torrance, County of Los Angeles, State of California, more particularly described in Exhibit "A" attached hereto and made a part hereof, or any other real property owned by Grantor.

DATED: April 10, 1970

Philip R. Nicholson, trustee  
WILLIAM J. NICHOLSON, trustee  
under Declaration of Trust dated  
December 27, 1968.

The undersigned hereby approves  
the form and content of this  
Form of Application.

CHANDLER'S PALOS VERDES SAND &  
GRAVEL CO., a California  
corporation

14 October

by John C. Lester  
Its City

RECORDED IN OFFICIAL RECORDS  
OF LOS ANGELES COUNTY, CA  
MAY 16 1974 AT 8 A.M.  
Recorder's Office

EXHIBIT A to  
DEED OF WATER RIGHTS

That certain Real property described in that certain Grant Deed recorded February 16, 1970 in Book D4834 at page 286 in the Official Records of the Office of the County Recorder, County of Los Angeles, State of California.

**EXHIBIT A**

SEARCHED INDEXED SERIALIZED FILED  
FEB 22 1974  
SHERIFF'S OFFICE  
STATE OF CALIFORNIA  
COUNTY OF Los Angeles }  
April 15, 1974 before -  
Searc, personally appeared John C. Cato  
trustee under Declaration of T

to be the person whose name is subscribed  
to the above statement and acknowledged that he  
knows the same  
WITNESS my hand and official seal  
*Jeff A. Jones*  
Signature  
*Cheryl A. Teale*  
Name (Type or Print)

A Notary Public is called for and  
*R. W. Hildebrand*  
at December 27, 1968.

Notary Public in 802

OFFICIAL SEAL  
CHETEL A. JONES  
NOTARY PUBLIC  
STATE OF CALIFORNIA  
RECORDED, OFFICE # 16  
# 46-161178  
ON DECEMBER 27, 1968.

July 17, 1924

Department of Water Resources  
Post Office Box 6598  
Los Angeles, California 90055

Attention Mr. Mitchell L. Gould

**Gentlemen**

This will confirm my telephone conversation with Mr. Robert Sullivan of the Los Angeles office. We have agreed to lease back from Atlantic Richfield 375 acre feet of adjudicated right in the West Coast Basin.

This will be applicable for the water year October 1, 1973 through September 30, 1974.

Very truly yours

Arthur L. Reeves  
Arthur L. Reeves, Vice President

AL-Basib



EXCHANGE OF WATER RIGHTS

The Parties hereto, DOMINGUEZ WATER CORPORATION, a California corporation, hereinafter DOMINGUEZ, and PICO COUNTY WATER DISTRICT, a county water district organised under Division 12 of the Water Code of California, herein-after DISTRICT.

This agreement is based on the following facts:

1. DOMINGUEZ has rights to produce water from the Central Basin of California adjudicated to it under Central and West Basin Water Replenishment District v. Charles E. Adams, et al., No. 786,656, Los Angeles Superior Court, and has the right to extract not less than 200 acre feet from said basin for the balance of the water year 1973-74.

2. DISTRICT has acquired by lease the right to extract not less than 145.50 acre feet of water from the West Coast Basin for the balance of the water year 1973-74. *(initials)*

3. The Parties desire to exchange said rights on the terms and conditions set forth below.

The parties hereto agree as follows:

A. DISTRICT hereby gives and transfers to DOMINGUEZ its right to extract water from the West Coast Basin for the water year 1973-74 to the extent of 145.50 acre feet and no more.

B. DOMINGUEZ hereby gives and transfers to DISTRICT its rights to extract water from the Central Basin for the water year 1973-74 to the extent of 145.50 acre feet and no more.

C. Each party agrees to pay before delinquency all pumping assessments levied by the Central and West Basin Water Replenishment District on the water rights being transferred to each.

D. Each party agrees to pump and extract the full amount of 145.50 acre feet of water from the basin in which the transferred rights exist and put said amount to beneficial use therein prior to the end of the 1973-74 water year.

E. Each party agrees that the 145.50 acre feet extracted by it following the date of this agreement from the basin in which said rights were transferred to it shall be deemed to be pursuant to and in exercise of the rights transferred hereby.

F. Each party agrees that the rights of each of them with respect to allowable overextractions or in the computation of carryover rights shall not be effected by the exchange of water rights provided herein. Their respective rights to allowable overextractions and carryover rights shall be determined and computed as though this exchange had not been made.

DATED: March 22, 1974

DOMINGUEZ WATER CORPORATION

*Orville M. Keay*  
By *Orville M. Keay*  
C. H. Stewart, President

PICO COUNTY WATER DISTRICT

*Stanley C. Lagerloef*  
By *Stanley C. Lagerloef*  
Stanley C. Lagerloef, Secretary

EXCHANGE OF WATER RIGHTS

The parties hereto, DOMINGUEZ WATER CORPORATION, a California corporation, hereinafter DOMINGUEZ, and PICO COUNTY WATER DISTRICT, a county water district organised under Division 12 of the Water Code of California, herein-after DISTRICT

This agreement is based on the following facts:

1. DOMINGUEZ has rights to produce water from the Central Basin of California adjudicated to it under Central and West Basin Water Replenishment District v. Charles E. Adams, et al., No. 786,656,

Los Angeles Superior Court, and has the right to extract not less than 500 acre feet from said basin for the balance of the water year 1973-74

2. DISTRICT has acquired by lease the right to extract not less than 500 acre feet of water from the West Coast Basin for the balance of the water year 1973-74

3. The Parties desire to exchange said rights on the terms and conditions set forth below.

The parties hereto agree as follows:

A. DISTRICT hereby gives and transfers to DOMINGUEZ its right to extract water from the West Coast Basin for the water year 1973-74 to the extent of 500 acre feet and no more.

B. DOMINGUEZ hereby gives and transfers to DISTRICT its rights to extract water from the Central Basin for the water year 1973-74 to the extent of 500 acre feet and no more.

C. Each party agrees to pay before delinquency all pumping assessments levied by the Central and West Basin Water Replenishment District on the water rights being transferred to each.

D. Each party agrees to pump and extract the full amount of 500 acre feet of water from the basin in which the transferred rights exist and put said amount to beneficial use therein prior to the end of the 1973-74 water year.

E. Each party agrees that the 500 acre feet extracted by it following the date of this agreement from the basin in which said rights were transferred to it shall be deemed to be pursuant to and in exercise of the rights transferred hereby.

F. Each party agrees that the rights of each of them with respect to allowable overextractions or in the computation of carryover rights shall not be effected by the exchange of water rights provided herein. Their respective rights to allowable overextractions and carryover rights shall be determined and computed as though this exchange had not been made.

G. This agreement does not amend, modify, or change the rights and obligations of the parties hereto with respect to any prior agreement between them but is separate and distinct therefrom and supplemental thereto.

Dated August 13, 1974

DOMINGUEZ WATER CORPORATION  
By *Orville M. Keay*  
C. H. Stewart, President

PICO COUNTY WATER DISTRICT  
By *Stanley C. Lagerloef*  
Stanley C. Lagerloef, Secretary

## WATER RIGHT LICENSE AND AGREEMENT

STATE OF CALIFORNIA, SAN JACINTO, SAN JACINTO, CALIFORNIA  
by license to plaintiff, THE WATER CORPORATION, a license to  
use 59 acre-feet of water rights all located in the City of  
Compton, and all interests in the same, as of the date of Aug. 18, 1973,  
are set forth in the Superior Court Case No. 506808 entitled "California  
Water Service Company, et al., vs. City of Compton, et al.", during the period  
commencing October 1, 1973, and continuing to and including September 30, 1974.

Subject license is granted, subject to the following conditions:

(1) Licensee shall exercise said right and extract the same on behalf of Santa Fe  
Water Treatment Company during the period above specified and put the same  
to general use and no person shall not by the exercise hereunder of said right  
acquire any right to extract water independent of the rights of the licensee.

(2) Licensee shall pay assessments levied on the pumping of said ground waters  
by the Central and West Basin Water Replenishment District.

(3) Licensee shall notify the District and the Watermaster that said pumping was  
done pursuant to this license and provide the Watermaster with a copy of this  
document.

(4) Licensee shall make, in any recording, water production for the period of  
agreement, or such pumping as done pursuant to this license.

STATE OF CALIFORNIA, SAN JACINTO, SAN JACINTO, CALIFORNIA  
warrants that it has 100 acre-feet of water rights in the same, as of the date of Aug. 18, 1973, and  
all interests in the same, as of the date of Aug. 18, 1973, during the period  
commencing October 1, 1973, and continuing to and including September 30, 1974.

At September 2, 1974

THE WATER CORPORATION, INGLEWOOD, CALIFORNIA, THE WATER CORPORATION

BY: President By: Arthur S. Reamy President  
Title: President

WATER RIGHT LICENSE AGREEMENT

STATE OF CALIFORNIA, SAN JACINTO, SAN JACINTO, CALIFORNIA  
by license to plaintiff, THE WATER CORPORATION, a license to  
use 3.4 acre-feet of water rights all located in the City of Compton, and  
all interests in the same, as of the date of Aug. 18, 1973, during the period  
commencing October 1, 1973, and continuing to and including September 30, 1974,  
are set forth in the Superior Court Case No. 506808 entitled "California  
Water Service Company, et al., vs. City of Compton, et al.", during the period  
commencing October 1, 1973, and continuing to and including September 30, 1974.

Subject license is granted, subject to the following conditions:

(1) Licensee shall exercise said right and extract the same on behalf of Watson Land  
during the period above specified and put the same to general use and  
no person shall by the exercise hereunder of said right acquire any right to extract  
water independent of the rights of the licensee.

(2) Licensee shall pay assessments levied on the pumping of said ground waters  
by the Central and West Basin Water Replenishment District.

(3) Licensee shall notify the District and the Watermaster that said pumping was  
done pursuant to this license and provide the Watermaster with a copy of this  
document.

(4) Licensee shall make, in any recording of water production for the period of agree-  
ment, or such pumping as done pursuant to this license.

STATE OF CALIFORNIA, SAN JACINTO, SAN JACINTO, CALIFORNIA  
by license to plaintiff, THE WATER CORPORATION, a license to  
use 3.4 acre-feet of water rights all located in the City of Compton, and  
all interests in the same, as of the date of Aug. 18, 1973, during the period  
commencing October 1, 1973, and continuing to and including September 30, 1974.

WATER RIGHT LICENSE AGREEMENT

By: President  
By: Arthur S. Reamy President  
Title: President

X OK for telephone communication  
with the Reamy

For a valuable consideration, ESTATE OF JOHN GRANT hereby  
grants to HILLSIDE MEMORIAL PARK AND MAUSOLEUM, a license to  
extract 59 acre-feet of licensee's Adjudicated Right allocated  
to licensee (or predecessors in interest) under and pursuant to  
Judicial decree, dated June 18, 1973, entered in Los Angeles  
Superior Court Case No. 506806 entitled "California  
Water Service Company, et al., vs. City of Compton, et al.", during the period  
commencing October 1, 1973 and continuing to and including  
September 30, 1974.

Said License is granted, subject to the following conditions:

(1) Licensee shall exercise said right and extract the same  
on behalf of ESTATE OF JOHN GRANT during the period  
above specified and put the same to general use and  
licensee shall not by the exercise hereunder of said right  
acquire any right to extract water independent of the rights  
of licensee.

(2) Licensee shall pay assessments levied on the pumping of  
said ground waters by the Central and West Basin Water  
Replenishment District.

(3) Licensee shall notify the District and the Watermaster that  
said pumping was done pursuant to this license and provide  
the Watermaster with a copy of this document.

(4) Licensee shall note, in any recording of water production  
for the period of agreement, that said pumping was done  
pursuant to this license.

ESTATE OF JOHN GRANT warrants that it has 59 acre-feet of  
Adjudicated Right and that it has not pumped and will not pump, or  
permit or license any other person to pump any part of said 59 acre-  
feet during the period October 1, 1973 through September 30, 1974.

Dated: 8/6/73

ESTATE OF JOHN GRANT

By: John Grant

HILLSIDE MEMORIAL PARK AND MAUSOLEUM

By: Mark Hall

D-#74-3

FOR A VALUABLE CONSIDERATION, receipt of which is hereby  
acknowledged,

GEORGIA-PACIFIC CORPORATION, a  
Georgia corporation

hereby transfers and conveys to CITY OF INGLEWOOD, a municipal corporation, 3.4 acre-feet of water rights. These water rights are as shown in the Superior Court case of the County of Los Angeles entitled "Water Service Company, et al., vs. City of Compton, et al., Defendants", No. 506808, together with any and all allowable carryover  
from the 1972-73 water year.

DATED: January 18, 1974

GEORGIA-PACIFIC CORPORATION

By: President  
Chairman and President  
By: Carolyn Brown  
Assistant Secretary

STATE OF OREGON

1 ac.

County of Multnomah

On this 12 day of January, 1974, before me, the undersigned, a  
Notary Public in the said county and state, personally appeared  
Robert B. Pampin and Carol C. Brown, known to me to be respectively  
the Chairman and President and the Assistant Secretary of Georgia-Pacific  
Corporation, the corporation that executed the within instrument, known  
to me by the person by whom it was signed, and within instrument on behalf of  
the corporation herein named, and I, acknowledged to me that such corporation  
executed the within instrument pursuant to its bylaws or a resolution of its  
board of directors.

WITNESS my hand and official seal

Robert B. Pampin  
Notary Public, in and for said County and State  
My commission expires 1-1-74

This is to certify that the interest in real property conveyed by the  
deed or grant dated Jan 18, 1974 from Georgia-Pacific Corporation to  
the CITY OF INGLEWOOD, a municipal corporation, is hereby accepted  
by order of the City Council on January 18, 1974 and the grantee  
consents to recordation by its duly authorized officer.

By: City Clerk of the City of  
Inglewood, California  
Dated: Feb. 6, 1974



LEASE OF WATER RIGHTS

THIS AGREEMENT is entered into this 13th day of August, 1973 by and between the City of El Segundo a general law city of the State of California, hereinafter referred to as "City" and MOBIL OIL CORPORATION, hereinafter referred to as "MOBIL".

For and in consideration of the mutual understandings and obligations of the parties as hereinafter set out and for other valuable considerations, the parties hereto agree as follows:

1. City hereby leases to MOBIL and MOBIL takes from City the right to exercise City's appropriative, prescriptive and adjudicated right to extract water from the West Coast Basin (the ground water basin within the Central and West Basin Water Replenishment District in the State of California) to the extent of Three Hundred (300) acre feet.
2. The term of this lease shall be for the water year commencing October 1, 1973, and continuing to end (including September 30, 1974).
3. MOBIL shall pay, before delinquency, all pumping assessments levied by the Central and West Basin Water Replenishment District on City's said Three Hundred (300) acre feet of water right.
4. City has been adjudicated to own at least Three Hundred (300) acre feet of water in the case entitled

CALIFORNIA WATER SERVICE COMPANY, et al vs CITY OF CYPRESS, et al,  
Los Angeles Superior Court Case No. 506,806. However, City expressly makes no warranty that it is the owner of or has the right to lease the water rights purported to be leased hereunder in the event, however, that it is deemed at any time during the term hereof that City does not own the rights leased hereunder or any part thereof, City shall return to MOBIL any consideration paid to City, computed on the agreed price per acre foot for any water rights which MOBIL is unable to exercise because of City's lack of ownership in said water rights. City does not warrant that there is sufficient water in said West Basin so as to enable MOBIL to extract the rights leased to it hereunder, but in the event that MOBIL is prevented from exercising all or any portion of the rights leased hereunder due to exhaustion of said basin or intervention or prohibition by any legally constituted government authority, any consideration paid by MOBIL to City shall be returned to MOBIL upon the same basis as that stated above.

5. MOBIL shall exercise all of the rights leased hereunder and shall pump the same on behalf of City and shall put the same to beneficial use. MOBIL shall be relieved of its obligations under this paragraph to the extent that its failure to pump any of City's rights leased hereunder is caused by MOBIL's inability to pump or use such water due to strikes, lockouts, algae growth in the water table, or any other reason which would make the water industrially unusable by MOBIL, acts of God, or other acts or occasions of which MOBIL has no control. MOBIL shall notify City within a reasonable time of the existence of any of the aforementioned conditions.
6. City shall not pump water from said West Basin during the term of this lease in a quantity which would include any portion of the Three Hundred (300) acre feet leased hereunder.
7. MOBIL shall report all of its extractions made pursuant to this lease to all agencies to whom such reports must be made, or in the alternative, shall provide such information regarding its pumping to City so that City may make such reports, if any are required. In the event of this lease

8. If either party to this lease shall desire to service a notice on the other, such notice shall be deemed to have been made if three copy to City are mailed to Mr. W. M. Glickman, Director of Public Works, City Hall, 330 Main Street, El Segundo, California 90245, and all notices sent to MOBIL are mailed to Mr. Arthur B. Hiser, Refinery Manager, Mobil Oil Corporation, 3700 West 190th Street, Torrance, California 90500. Delivery will be deemed to have been made when deposited in the United States mail, postage prepaid. Either party may, by notice in writing to the other, change such address for notices to it.

IN WITNESS WHEREOF THE parties hereto execute this agreement:

ATTEST

CITY OF EL SEGUNDO

Valerie G. Bessman  
City Clerk  
(STAL)

E. B. Bessman

Date August 10, 1973

David C. Miller

MOBIL OIL CORPORATION

Arthur B. Hiser  
Manager  
Torrance Refinery

Date 8/10/73

LEASE OF WATER RIGHTS

THIS AGREEMENT is entered into this 1st day of October, 1973 by and between STANDARD OIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC., (a division of Standard Oil Company of California, a Delaware Corporation), hereinafter referred to as "STANDARD" and MOBIL OIL CORPORATION, herein-after referred to as "MOBIL".

For and in consideration of the mutual understandings and obligations of the parties as hereinafter set out and for other valuable considerations, the parties hereto agree as follows:

1. STANDARD hereby leases to MOBIL and MOBIL takes from STANDARD the right to exercise STANDARD'S appropriative, prescriptive and adjudicated right to extract water from the West Coast Basin (the ground water basin within the Central and West Basin Water Replenishment District in the State of California) to the extent of One Thousand Five Hundred (1,500) acre feet
2. The term of this lease shall be for the water year commencing October 1, 1973, and continuing to end (including September 30, 1974).
3. MOBIL shall pay, before delinquency, all pumping assessments levied by the Central and West Basin Water Replenishment District on STANDARD's said One Thousand Five Hundred (1,500) acre feet of water right.
4. STANDARD has been adjudicated to own at least One Thousand Five Hundred (1,500) acre feet of water in the case entitled CALIFORNIA WATER SERVICE COMPANY, et al vs. STANDARD OIL CO., et al, Los Angeles Superior Court Case No. 506,806. However, STANDARD expressly makes no warranty that it is the owner of or has the right to lease the water rights purported to be leased hereunder. In the event, however, that it is deemed at any time during the term hereof that STANDARD does not own the rights it is said hereunder or any part thereof, STANDARD shall return to MOBIL any



DEED OF WATER RIGHTS

For a valuable consideration, UNITED CALIFORNIA BANK, # Corporation, hereby sells and transfers to: SUMIKICHI NOGAI and SALLY M. NOGAI, Husband and Wife as Joint Tenants, the following

Right to extract water amounting to 5.0 acre-feet per annum from an underground water basin and reservoir commonly known as "WEST COAST BASIN" and more particularly described in # Judgment, in Case No. 508680 in the Superior Court of the State of California, in and for the County of Los Angeles, in that action entitled "CALIFORNIA WATER SERVICE COMPANY, et al, Plaintiff, vs. THE CITY OF COMPTON, et al, Defendants", said judgment being entered August 22, 1961, in Book 4291, Page 62, and is in favor of FRANC A. BAILLON and ROSEMARY N. BAILLON as to the 5.0 acre-feet.

Dated July 17, 1974

UNITED CALIFORNIA BANK, # Corporation

By John C. Brugh  
n. John C. Brugh  
Assistant Secretary

For and in consideration of the mutual understandings and covenants of the parties as hereinabove set forth and for other valuable consideration, the parties hereto agree as follows:

This agreement is entered into this 16th day of August, 1974, by and between Southern California Edison Company, a California corporation, hereinafter referred to as LICENSOR, and John C. Brugh, hereinafter referred to as LICENSEE.

For and in consideration of the mutual understandings and covenants of the parties as hereinabove set forth and for other valuable consideration, the parties hereto agree as follows:

1. LICENSEE hereby gives to LICENSOR and LICENSOR takes from LICENSEE the right to exercise the LICENSEE's appropriate, prescriptive and adjudicated rights to extract water from the West Coast Basin (the ground water basin within the Central and West Basin Water Replenishment District in the State of California) to the extent of 5.0 acre-feet (25) acre-feet per annum.

2. The term of this license shall be for the water year commencing October 1, 1973, and continuing to and including September 30, 1974, provided, however, that this license shall terminate immediately upon the cancellation or termination of the license previously granted to Chimento-Ocean, bearing LICENSOR's document number 220103.

3. LICENSEE shall pay, before delinquency, all pumping taxes, rents, and fees for the Central and West Basin Water Replenishment District to LICENSOR's said Twenty-five (25) acre-feet of water rights.

4. LICENSEE shall comply promptly with all requirements of the Central and West Basin Water Replenishment District (including the filing of pumping reports and the obtaining of exchange pool water if necessary) and those of any public agency or authority.

5. LICENSOR has been adjudicated to own at least fifty-seven and one tenth (57.1) acre-feet of water in the case entitled "John C. Brugh, et al, Plaintiff, vs. The City of Compton, et al, Los Angeles Superior Court" (case No. 508680). However, LICENSOR expressly makes no claim to the water rights in the Central and West Basin. The water rights purported to be given hereunder, LICENSOR does NOT warrant that there is sufficient water in said water basin to enable LICENSEE to extract the rights given to it hereunder.

6. LICENSOR shall exercise all of the rights given hereunder and shall pump the same on behalf of LICENSEE and shall put the same to beneficial use. LICENSOR shall not be liable for any damage or expense, including the extent that its failure to pump any of LICENSEE's rights given hereunder is caused by LICENSEE's inability to pump or use said water due to strikes, lockouts, labor disputes, or any other cause or condition which would make the water agriculturally or industrially unusable by LICENSEE, acts of God or other acts or occasions of which LICENSEE shall notify LICENSEE within a reasonable time of the existence of any of the aforementioned conditions.

7. LICENSOR shall not pump water from said West Coast Basin during the term of this license in a quantity which would include any portion of the Twenty-five (25) acre-feet given hereunder.

8. LICENSEE agrees to relinquish to LICENSOR the right to pump any of the water rights in the amount of (25) acre-feet herein licensed not pumped by the LICENSEE during the term of this license.

9. If either party to this license shall desire to receive a notice on the other, such notice shall be deemed to have been given if the same to LICENSEE are mailed to Manager of Right of Way and Land Acquisition, Southern California Edison Company, 27400 South Fremont Avenue, Walnut Creek, California 94598; Attention of Supervisor of Property Management, and to the attention of John C. Brugh to 10272 South Prairie Avenue, Torrance, CA 90504 made when deposited in the United States Mail, postage paid. Either party may, by notice in writing to the other, change such address for notices to it.

IN WITNESS WHEREOF, the parties hereto execute this agreement on the date first above written.

SOUTHERN CALIFORNIA EDISON COMPANY  
a California corporation

By John C. Brugh

LICENSOR

LICENSEE

R/W File #5-71-148

-2-

LICENSE FOR WATER RIGHTS  
WEST COAST BASIN

AGREEMENT TO LEASE AND TRANSFER OF WATER RIGHTS

THIS AGREEMENT, made and entered into as of the date set forth below by and between the CITY OF EL MONTE, a general law city of the State of California, hereinabove referred to as "City", and PICO COUNTY WATER DISTRICT, a county water district organized under Division 12 of the Water Code of California, hereinabove "Pico".

WITNESS ETC.

That the parties hereto do mutually agree as follows:

The City hereby leases and transfers to Pico during a period commencing with the date hereof and continuing to and including September 10, 1974, water rights consisting of the right to pump 500 acre feet of water for and during said period from the West Coast basin, being the ground water basin within the West Basin Water Replenishment District, in the State of California.

Pico shall pay to City a rental of Twenty-nine and No. 00 Dollars (\$29.00) per acre foot for the water rights leased and transferred hereunder.

Subject to the limitation hereinabove imposed, the total quantity of water which Pico shall be entitled to pump as a result of this lease and transfer is five hundred (500) acre feet and the total consideration therefor, computed on the basis of said rental of Twenty-nine and No/100ths Dollars (\$29.00) per acre foot, is Fourteen Thousand, Five Hundred Dollars (\$14,500.00), which shall be paid to the City in two equal installments, one the 15th day of October, 1974, and the other the 15th day of November, 1974.

OUR LICENSE ORIGINAL

1

Notwithstanding the foregoing lease and transfer of City's water rights, it is mutually agreed between the parties that City may at any time without prior notification or approval of PICO pump any portion of said five hundred (500) acre feet of water at any time that City determines that an emergency requires the use of such water by the City of El Segundo. Immediately following any such pumping by the City, City shall notify PICO of the quantities pumped so that appropriate allocation may be made in reports required by law.

City represents and warrants that it owns said water rights leased and transferred hereunder, and that City has a right to pump said five hundred (500) acre feet of water for and during said period, and that City has the full right to lease and transfer to PICO said water rights and the right to pump said five hundred (500) acre feet of water during said period.

Dated this 6<sup>th</sup> day of August, 1974.

CITY OF EL SEGUNDO

By C. Babione

Mayor

ATTEST

Elaine J. Burrows

City Clerk

(SEAL)

PICO COUNTY WATER DISTRICT

By Leontine C. Langford

Secretary

6. PICO shall exercise or cause to be exercised the right to pump said 350 acre feet of water leased hereunder and shall pump the same on behalf of UNITED STATES STEEL and shall put or cause to be put the same to beneficial use on or before September 30, 1974.

7. The last 350 acre feet of water extracted by PICO or others on its behalf from said West Coast Basin during the water year ending September 30, 1974, shall be deemed to be pursuant to and in exercise of the rights leased hereby; and if for any reason said last 350 acre feet of water cannot be considered or deemed to have been extracted pursuant to and in exercise of the rights leased hereby, then any 350 acre feet of water extracted by PICO or others on its behalf between the date hereof and September 30, 1974, shall be deemed to be pursuant to and in exercise of the rights leased hereby.

8. This lease shall not be construed in any way to be a transfer or to cause the transfer of any of Lessor's rights in said West Coast Basin except that PICO shall have the right to produce or cause to be produced by others 350 acre feet of water in and from the West Coast Basin during the water year ending September 30, 1974.

9. As further consideration for this lease, UNITED STATES STEEL shall have the right to demand from PICO 100 acre feet of water from the West Coast Basin during the water year October 1, 1974, to September 30, 1975, and PICO agrees to lease, or cause to be transferred to UNITED STATES STEEL the right to extract said 100 acre feet

2.

#### LEASE OF WATER RIGHTS

THIS LEASE is entered into the 22<sup>nd</sup> day of March 1974, by and between UNITED STATES STEEL CORPORATION, a Delaware corporation, hereinafter referred to as UNITED STATES STEEL, and PICO COUNTY WATER DISTRICT, a county water district organized under the Water Code of California, herein-after referred to as PICO.

For and in consideration of the mutual understandings and obligations of the parties as hereinafter set forth, and for other valuable consideration, the parties hereto agree as follows:

1. UNITED STATES STEEL has been adjudged to have a right to produce, extract and withdraw 1791 acre feet of water per annum from the West Coast Basin, which right is designated an Adjudicated Right, and is described in the Judgment in Los Angeles Superior Court Case No. 506806 entitled California Water Service Company, et al. v. City of Compton, et al.

2. UNITED STATES STEEL hereby leases to PICO and PICO hereby accepts from UNITED STATES STEEL a portion of said Adjudicated Right to the extent of 350 acre feet.

3. The term of this lease shall commence on the date of this lease and continue to and including September 30, 1974.

4. PICO shall pay to UNITED STATES STEEL the sum of \$10,000.00 on or before June 30, 1974.

5. PICO shall pay, before delinquency, all pumping assessments levied by the Central and West Basin Water Replenishment District on UNITED STATES STEEL'S said 350 acre feet of water rights.

during said water year from said basin in the exercise of rights other than those presently owned by UNITED STATES STEEL. Said demand shall be made on or before June 1, 1975. Upon making the demand and receiving a lease of water rights in said quantity UNITED STATES STEEL shall pay to PICO the sum of \$3,000.00.

10. It is the intent of the parties that the lease of 350 acre feet of West Basin Water Rights of UNITED STATES STEEL shall not carry with it any rights to allowable overextraction or with respect to the computation of any carryover rights. It is the intent of both parties that UNITED STATES STEEL shall retain all of its rights with respect to allowable overextraction as though it had not leased any of its pumping allocation and that any computation of carryover rights shall be based on its allowed pumping allocation without reduction for the quantity leased hereby.

UNITED STATES STEEL CORPORATION  
ATTEST: By John M. H. H. H.

A. ... Secretary

PICO COUNTY WATER DISTRICT  
By John M. H. H. Secretary

1.

3.

## SUGGESTED SAMPLES OF DOCUMENTS FOR TRANSFERRING WATER RIGHTS

YEARLY LEASE	PERMANENT TRANSFER
<p style="text-align: center;"><u>WATER RIGHT LICENSE AND AGREEMENT</u></p> <p>For a valuable consideration, THE JOHN DOE COMPANY hereby grants to John Smith a license to extract _____ acre-feet of [Licensee's Adjudicated Right allocated to Licensee for predecessors in interest] under and pursuant to Judgment dated August 10, 1971, and entered in Los Angeles Superior Court Case No. 54800, entitled "The JOHN DOE COMPANY, et al. vs. CITY OF COMPTON, et al." for the period commencing October 1, 1971, and continuing to and including September 30, 1972.</p> <p>Said License is granted, subject to the following conditions:</p> <ul style="list-style-type: none"> <li>(1) Licensee shall exercise said right and extract the same on behalf of John Smith (PEPSAN) during the period above set forth and put the same to beneficial use and licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of licensee.</li> <li>(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Central and West Basin Water Reclamation District.</li> <li>(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.</li> <li>(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.</li> <li>(5) Licensee's Adjudicated Right _____ (initials) (name) _____ is increased by the amount hereby leased when "impulsive carryover or allowable overextraction as provided by Paragraph VI in said Judgment.</li> </ul> <p>JOHN DOE COMPANY warrants that it has _____ acre-feet of Adjudicated Right and that it has not pumped and will not pump or permit or license any other person to pump any part of said acre-feet during period of October 1, 1971 through September 30, 1972.</p> <p>Dated: _____</p> <p>JOHN DOE COMPANY JOHN SMITH</p> <p>By _____ By _____</p> <p>Title _____ Title _____</p>	<p style="text-align: center;"><u>DEED OF WATER RIGHTS</u></p> <p>For a valuable consideration, JOHN SMITH hereby sells and transfers to the JOHN DOE COMPANY,</p> <p>The Right to extract _____ acre-feet of grantor's Adjudicated Right allocated to grantor (or predecessors in interest under and pursuant to Judgment dated August 10, 1971 and entered in Los Angeles Superior Court Case No. 54800, entitled "California Water Service Company, et al. vs. CITY OF COMPTON, et al."</p> <p>Dated: _____</p> <p>JOHN DOE COMPANY JOHN SMITH</p> <p>By _____ By _____</p> <p>Title _____ Title _____</p>



NO. \_\_\_\_\_

## WATER USE LICENSE

1 The City of Inglewood, a municipal corporation, herein-  
 2 after referred to as "INGLEWOOD", hereby grants to ROLLING  
 3 HILLS VISTA, a partnership, a license to extract 160 acre-feet  
 4 of INGLEWOOD'S Restricted Pumping allocated to INGLEWOOD under  
 5 the terms of the Decree in the action: California Water Service  
 6 Company, et al., vs. Compton, No. 508806, during the period  
 7 commencing October 1, 1973, and continuing to and including  
 8 September 30, 1974.

10 (1) Licensee shall exercise said right and extract  
 11 the same on behalf of INGLEWOOD during the period above  
 12 specified and put the same to beneficial use and  
 13 licensee shall not by the exercise hereunder of said  
 14 right acquire any right to extract water independent  
 15 of the rights of licensor.

16 (2) ROLLING HILLS VISTA will pay to the Central and  
 17 West Basin Water Replenishment District any pumping  
 18 assessments levied by the District during the 1974-75  
 19 water year on the quantity of water extracted by ROLLING  
 20 HILLS VISTA from the West Basin under said license.

22 (3) ROLLING HILLS VISTA will keep and maintain records  
 23 of agreed production under this agreement, and will  
 24 report same to the Watermaster and to INGLEWOOD upon  
 25 completion of ROLLING HILLS VISTA'S pumping.

27 INGLEWOOD warrants that it has 160 acre-feet of  
 28 Restricted Pumping, and that it has not pumped and will not  
 29 pump or permit or license any other person to pump any part of  
 30 said 160 acre-feet during the period of October 1, 1973  
 31 through September 30, 1974.

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674-49

## AGREEMENT

1 THIS AGREEMENT made and entered into this 4 CL  
 2 day of July, 1974, by and between the CITY  
 3 OF INGLEWOOD, a municipal corporation, hereinafter referred to  
 4 as "INGLEWOOD" and ROLLING HILLS VISTA, a partnership.

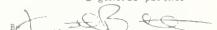
## RECITALS

7 WHEREAS, both INGLEWOOD and ROLLING HILLS VISTA are  
 8 producing from the West Basin, and  
 9 WHEREAS, both INGLEWOOD has an allowed pumping allocation  
 10 of 4402.09 acre-feet of water per annum in said Basin; and  
 11 WHEREAS ROLLING HILLS VISTA desires to make temporary use  
 12 of a portion of INGLEWOOD'S allowed pumping allocation for one  
 13 water year only;

14 NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS  
 15 1. INGLEWOOD has granted to ROLLING HILLS VISTA by a  
 16 separate document a license to produce a portion of INGLEWOOD'S  
 17 West Basin allowed pumping allocation in the quantity of 160  
 18 acre-feet for the water year which commences October 1, 1973,  
 19 and which water year ends on September 30, 1974.

20 2. ROLLING HILLS VISTA agrees to pay INGLEWOOD the net  
 21 sum of \$640.00 in October, 1974.

23 IN WITNESS WHEREOF, the parties hereto have authorized  
 24 the due execution hereof by their respective officers the  
 25 day and year first above set forth.

27 ROLLING HILLS VISTA, a partnership  
 28 By SUNNYGLEN CONSTRUCTION CO., INC.,  
 29 a general partner  
 30   
 31 Kenneth Battin  
 32   
 33 Richard A. Leonard, Asst. Secretary

34   
 35 Richard A. Leonard, Asst. Secretary

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Dated: July 4, 1974

4 ROLLING HILLS VISTA, a partnership  
 5 By SUNNYGLEN CONSTRUCTION CO., INC., a general  
 6 partner

7 By   
 8 Kenneth Battin President

9 By   
 10 Richard A. Leonard Asst. Secretary

11 CITY OF INGLEWOOD, CALIFORNIA,  
 12 a California corporation

13 By   
 14 Donald E. O'Brien Mayor

15 ATTEST.

16 By   
 17 Donald E. O'Brien

18 CITY CLERK

19 (SEAL)

20 APPROVED AS TO FORM

21 By   
 22 Donald E. O'Brien

23 CITY ATTORNEY

1 CITY OF INGLEWOOD, CALIFORNIA,  
 2 a municipal corporation

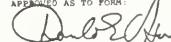
3 By   
 4 Donald E. O'Brien

5 ATTEST:

6 By   
 7 Donald E. O'Brien

(SEAL)

8 APPROVED AS TO FORM:

9 By   
 10 Donald E. O'Brien

11 CITY ATTORNEY

EXCHANGE OF WATER RIGHTS

The parties hereto, STAUFFER CHEMICAL COMPANY, a corporation, hereinafter STAUFFER, and PICO COUNTY WATER DISTRICT, a county water district organized under Division 12 of the Water Code of California, hereinafter DISTRICT.

This agreement is based on the following facts:

1. STAUFFER has rights to produce water from the Central Basin of California adjudicated to it under Central and West Basin Water Replenishment District v. Charles E. Adams, et al., No. 786,856 Los Angeles Superior Court, and has the right to extract not less than 159.50 acre feet from said basin for the balance of the water year 1973-74.
2. DISTRICT has acquired by lease the right to extract in excess of 159.5 acre feet of water from the West Coast Basin for the balance of the water year 1973-74.
3. DISTRICT is presently obligated to provide 65 acre feet of West Basin Water Rights to STAUFFER pursuant to an agreement dated June 7, 1973.
4. The parties desire to exchange said rights on the terms and conditions set forth below.

The parties hereto agree as follows:

A. DISTRICT hereby gives and transfers to STAUFFER its rights to extract water from the West Coast

1.

3.

Basin for the water year 1973-74 to the extent of 204.50 acre feet.

B. STAUFFER gives and transfers to DISTRICT its rights to extract water from the Central Basin for the water year 1973-74 to the extent of 159.5 acre feet.

C. Each party agrees to pay before delinquency all pumping assessments levied by the Central and West Basin Water Replenishment District on the water rights being transferred to each.

D. Each party agrees to pump and extract the full amount of water from the basin in which the transferred rights exist, to-wit, 159.5 acre feet by DISTRICT from Central Basin and 204.50 acre feet by STAUFFER from West Coast Basin and put said amount to beneficial use therein prior to the end of the 1973-74 water year.

E. STAUFFER agrees that the first 204.50 acre feet of water extracted by it from the West Coast Basin following the date of this agreement shall be deemed to be pursuant to and exercise of the rights transferred to it hereby and the DISTRICT agrees that 159.5 acre feet of the first 300 acre feet extracted by it following the date of this agreement from the Central Basin shall be deemed pursuant to and in exercise of the rights transferred to it hereby.

F. Each party agrees that the rights of each of them with respect to allowable overextractions or in the computation of carryover rights shall not be affected

2.

by the exchange of water rights provided herein. Their respective rights to allowable overextractions and carryover rights shall be determined and computed as though this exchange had not been made.

DATED: March 21, 1976

STAUFFER CHEMICAL COMPANY

By   
K. M. Hanis, Jr.  
Authorized Signature

PICO COUNTY WATER DISTRICT

By   
Stanley C. Lagerloef  
Secretary

APPENDIX B  
GROUND WATER EXTRACTIONS

**APPENDIX B. GROUND WATER EXTRACTIONS**  
In acre-feet

STATE	OWNER	PRODUCTION												TOTAL
		1973			1974			1975			1976			
WELL	DESIGN	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	
NUMBER	NATION													
<b>A B C NURSERY, INC</b>														
35/13W-29F115	1	2.11	1.25	1.13	.84	2.37	2.11	4.13	4.11	1.24	0	0	0	19.29
<b>AMERICAN PLANT GROWERS INC</b>														
45/13W-19J065	R29M	2.72	1.58	1.15	1.18	2.63	2.44	4.63	3.63	4.29	4.81	5.39	4.36	38.81
<b>ATLANTIC RICHFIELD COMPANY</b>														
45/13W-16P025	11	186.96	109.03	139.03	159.30	144.35	178.81	147.81	148.81	159.86	169.16	161.54	165.73	1910.41
45/13W-21H025	4	10.51	.07	0	0	0	0	0	.05	2.83	0	.05	0	13.51
45/13W-21H055	7	64.08	55.47	108.49	71.74	104.63	95.22	15.92	26.84	78.65	88.62	96.04	88.46	854.58
45/13W-21H065	8	125.88	99.65	80.65	7.58	39.29	46.47	116.70	126.80	76.57	89.42	.28	3.12	812.37
45/13W-21H075	12	341.77	312.34	335.04	344.37	212.25	247.78	327.47	341.49	354.21	355.51	351.11	336.58	3900.12
45/13W-21J025	10	73.22	36.09	70.11	107.25	161.73	192.34	144.23	148.89	99.71	111.87	144.45	163.43	1457.72
45/13W-22F015	5	117.24	146.92	165.53	162.51	111.84	26.66	175.73	93.72	140.00	171.29	144.34	107.36	1495.22
45/13W-22F015	9	112.31	84.37	15.33	4.67	54.74	43.51	7.64	42.23	35.75	76.04	110.90	100.54	665.40
TOTALS		1031.97	846.34	914.18	850.22	828.87	870.79	911.55	980.05	927.20	1012.21	1012.71	945.62	11129.33
<b>CALIFORNIA WATER SERVICE COMPANY</b>														
35/14W-29F015	2001	59.97	62.29	55.26	53.40	43.31	47.10	53.98	42.15	45.11	47.63	71.93	61.99	704.02
35/14W-29J015	2201	68.21	57.71	76.67	72.72	61.49	77.88	79.83	91.44	93.61	104.25	104.00	89.92	979.93
35/14W-32A025	8-02	56.30	72.34	9.46	22.51	33.47	33.13	41.44	40.77	46.23	57.43	55.04	48.17	445.73
TOTALS		184.44	152.34	141.38	148.63	138.27	154.11	175.55	203.34	205.15	231.31	231.02	200.08	2169.68
<b>CHANDLER'S PALOS VERDES SAND-GR CORP</b>														
45/14W-27N015	TOP2	10.89	11.35	6.00	6.30	11.65	6.73	4.69	3.49	0	0	0	0	63.10
45/14W-28J015	TOP1	1.26*	.90*	.17*	.54*	.65*	.24*	1.33*	.90*	0	0	0	0	5.94
45/14W-35F065	SIDE1	21.66	13.41	7.48	5.04	14.41	32.04	41.55	40.40	21.82	24.52	33.43	22.20	282.78
45/14W-35F025	PLANT	10.94	8.83	6.73	8.40	7.03	0	0	.10	0	1.57	0	0	43.60
TOTALS		44.75	34.49	20.38	20.28	38.14	39.01	40.59	45.29	21.82	24.09	33.43	22.20	395.47
<b>DOWNTON QZ WATER CORPORATION</b>														
45/13W-11K035	TOY2	5.59	2.27	.74	0	.01	0	.01	3.71	4.65	1.71	2.77	2.01	23.47
45/13W-15	W#001	391.35	337.82	341.89	312.74	337.77	275.49	142.37	341.83	177.42	428.41	437.17	409.08	4326.46
45/13W-170015	19	98.52	92.98	96.45	97.13	87.74	95.57	92.75	91.27	92.00	95.80	94.40	91.01	1125.42
45/14W-100035	32	165.85	142.11	146.59	162.86	151.02	156.56	147.61	171.09	183.06	190.59	194.17	194.88	2125.17
45/14W-100045	33	136.01	73.35	104.17	111.01	149.54	155.21	140.50	174.15	155.38	147.70	143.00	167.87	1788.02
TOTALS		797.32	688.57	720.84	703.74	746.12	632.81	107.24	404.05	812.51	907.70	911.51	845.37	9398.74
<b>FLETCHER OIL AND REFINING COMPANY</b>														
45/13W-30A055	3	8.17	7.41	8.44	5.84	7.40	8.60	8.15	8.70	4.64	9.21	9.70	7.22	41.53
<b>FUJIMOTO, SAMUEL R AND RAYMOND S</b>														
35/12W-30A105	1	.62	.20	.20	.20	.52	.81	.44	.72	.93	1.13	.83	.88	7.29
<b>GARRETT CORP., THF, AIR RESEARCH CNT</b>														
35/14W-75W075	N#	0	.07	.04	.04	.04	.14	.04	.05	.01	.06	.07	.11	.58
<b>HAWTHORNE, CITY OF</b>														
35/14W-09H035	17	52.55	77.19	19.18	26.12	48.14	30.40	46.76	71.89	46.41	95.44	112.24	95.44	766.80
35/14W-09H045	4	47.39	10.14	4.47	4.41	16.00	11.43	18.43	71.97	16.72	20.70	25.78	21.85	200.32
35/14W-09H055	12	47.39	57.46	41.91	78.36	45.12	72.63	42.03	11.49	29.46	30.18	17.65	13.29	528.23
35/14W-09H015	8	30.71	10.63	20.80	21.92	30.64	24.77	34.22	40.12	32.13	45.43	44.27	40.35	394.86
TOTALS		147.04	124.34	130.32	135.01	139.44	143.39	161.44	171.07	146.32	194.43	201.74	171.13	1870.21
<b>HILLSIDE MEMORIAL PARK</b>														
25/14W-19K055	2	7.22	4.07	.54	.14	0	1.00	1.54	4.21	13.00	11.74	5.05	9.29	54.87
<b>HOLLYWOOD TUFF CLUB</b>														
25/14W-34F015	OUT2	10.57	6.74	4.65	1.07	4.15	1.92	4.84	9.95	13.54	12.45	7.98	9.84	89.72
25/14W-34L025	IN001	7.26	.75	8.77	2.36	4.45	4.01	9.73	12.85	16.74	22.40	17.64	21.32	130.66
TOTALS		17.83	7.11	13.42	3.39	8.60	7.93	14.55	22.80	10.72	15.85	25.42	31.16	220.38

**APPENDIX B. GROUND WATER EXTRACTIONS**

**In acre-feet**

**(Continued)**

STATE	OWNERS	PRODUCTION												TOTAL	
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT		
<u>INGLEWOOD, CITY OF</u>															
25/14-120025	34	0	0	0	0	0	0	0	0	0	0	0	0	8.00	
25/14-320015	21	24.02	17.71	0	0	0	0	0	0	2.13	0	0	0	47.86	
35/14-070015	34	0	0	.09	2.44	0	0	0	.72	0	0	0	3.04	6.33	
35/14-100025	30	0	6.22	19.46	14.51	5.34	0	0	0	0	0	0	0	49.57	
TOTALS		24.02	23.93	19.55	20.94	5.38	0	0	10.85	0	0	0	3.04	111.76	
<u>INGLEWOOD, CITY OF - GOLF COURSE</u>															
25/14-740025	2	5.64	2.83	2.08	.40	4.10	2.58	7.13	7.94	4.96	4.05	2.59	6.83	51.22	
<u>INOSF. KENICHI</u>															
35/13-290025	10	1.35	.71	.54	.23	.70	.57	2.06	2.18	2.49	2.80	2.51	1.96	18.19	
<u>JOHNS MANVILLE PRODUCTS CORP</u>															
45/13-150015	WW001	5A.82	47.34	5A.74	50.87	47.94	51.04	3A.68	57.85	61.07	65.45	69.49	60.47*	683.45	
<u>LOS ANGELES, CITY OF</u>															
45/13-31	S MP001	0	0	0	0	0	0	245.18	490.54	486.27	790.73	0	0	1621.68	
<u>LOS ANGELES COUNTY ALONDRA PARK</u>															
35/14-270015	761	47.15	24.35	2.85	0	13.00*	20.00	51.17	46.02	53.05	81.88	62.28	60.01	461.76	
<u>LOS ANGELES COUNTY SANIT DIST NO 2</u>															
45/13-370015	A19	0.48	6.56	7.04	6.13	14.44	11.70	8.98	7.48	7.73	7.42	9.60	9.60	106.20	
<u>LOS ANGELES COUNTY-WESTERN AVE GOLF</u>															
35/14-110025	1397C	13.07	1.73	1.94	.07	2.68	.70	17.70	11.78	14.04	18.09	8.57	4.78	94.36	
<u>MANHATTAN BEACH, CITY OF</u>															
35/14-290035	11	0	0	0	0	0	0	25.63	70.06	72.67	68.25	75.08	72.85	67.71	452.25
<u>MAYFLOWER NURSERIES</u>															
35/13-710075	HOLY2	.04	.04	.04	.04	.04	.04	.07	.05	.09	.11	.13	.14	.98	
35/14-250005	NOKMI	1.73	1.06	.52	.52	1.27	.71	1.76	1.67	2.03	4.71	4.87	4.55	24.50	
TOTALS		1.81	1.10	.88	.81	1.31	.78	1.81	1.76	2.14	7.78	4.88	4.65	25.48	
<u>MCDONNELL DOUGLAS CORP DEPT C6-704</u>															
45/14-01F025	1	0	.01	0	0	0	0	0	0	0	0	.01	0	.02	
<u>MORTL OIL CORPORATION</u>															
45/14-03L025	T0002	67.17	59.11	50.13	42.54	47.80	34.08	51.63	45.56	62.46	45.74	11.98	48.47	630.76	
45/14-03L035	T0003	109.24	105.97	107.90	107.41	94.04	97.84	91.94	93.17	92.69	95.77	87.40	96.01	1169.47	
45/14-03L045	T0004	112.58	108.17	110.10	109.82	97.82	94.84	94.03	94.09	91.82	97.37	90.58	1182.63		
45/14-03M015	T0006	120.59	115.82	114.76	119.82	107.13	115.85	116.41	114.03	121.48	124.07	110.67	114.28	1386.90	
TOTALS		409.58	389.07	387.97	389.54	348.68	353.41	350.01	318.85	348.45	379.23	297.38	369.54	4369.76	
<u>NOZAKI, SUMIICHI</u>															
35/13-290015	NOZ	4.75	1.70	1.81	.72	2.38	1.99	4.53	4.18	5.33	6.11	6.71	5.77	45.98	
<u>OTANI, CHISATO</u>															
35/14-330045	OTANI	1.80*	1.24*	.52*	.04*	.44	.70	2.80	2.52	2.79	1.54	.90	1.30	16.14	
35/14-340045	SCFCO	1.10	.73	0	.74	0	.36	1.54	2.55	3.46	3.57	3.73	1.77	19.79	
TOTALS		2.90	1.97	.52	.44	.46	.74	3.54	5.07	6.25	5.11	4.67	3.07	36.98	
<u>PACIFIC CHEST CEMETERY COMPANY</u>															
35/14-73F015	747	.91	3.93	1.14	.77	2.04	1.27	4.20	4.88	5.54	6.75	6.88	5.78	46.12	

## APPENDIX B. GROUND WATER EXTRactions

In acre-feet  
(Continued)

STATE	OWNER	1973	PRODUCTION												TOTAL
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	
<u>PALOS VERDES REGIONAL FARM</u>															
45/144-21H015	1	.11*	.04*	.06*	.16*	.10*	.08*	.07*	.18*	.23*	.21*	.26*	.17*		1.66
<u>PARK WATER COMPANY</u>															
35/144-22H015	15C	25.12	8.05	14.40	11.15	13.39	14.47	20.78	27.98	42.06	77.16	28.77	29.25		264.67
35/144-22H015	15H	.01	.07	.02	.02	0	.01	.02	.01	.11	.00	.07	.45		.40
35/144-22H025	15A	.01	.17	.01	.01	0	.01	.03	.02	.01	.01	.01			.25
TOTALS		25.14	8.21	14.52	11.19	13.39	14.49	20.83	24.01	42.18	77.28	28.81	29.70		265.72
<u>PULLING HILLS VISTA</u>															
45/144-2H015	TOPP	0	0	0	0	0	0	0	0*	1.70*	1.76*	1.75*	3.76*		10.47
<u>ROMAN CATHOLIC ARCHDIOCESE OF L.A.</u>															
25/144-1H015	HOLYX	1.74	3.94	2.00	1.28	4.51	0	4.72	0	14.87	36.19	71.77	30.36		171.48
<u>SHEETWELL LTD INC</u>															
35/134-32F025	423F	.01*	.02*	.01*	0*	0*	0	0	0	0*	0	0			.04
<u>SHELL OIL COMPANY</u>															
45/134-9H025	00005	0	.09	0	0	0	17.77	32.19	129.22	105.02	117.85	126.37	111.90		640.21
45/134-10F035	00004	0	.04	0	0	0	0	0	0	0	0	0			.04
45/134-10F045	00006	247.06	250.62	260.76	270.17	286.24	143.49	140.80	145.19	145.64	100.34	181.49	180.94		2471.54
45/134-21H025	10007	101.49	112.45	109.87	114.27	103.76	101.56	96.56	81.94	77.32	40.08	94.64	51.56		1094.92
45/134-21H025	10003	4.55	4.45	4.12	.43	2.10	4.86	12.26	78.46	24.46	44.02	31.71	58.65		254.62
TOTALS		343.10	368.05	340.74	342.47	332.10	318.10	330.81	415.30	372.44	420.09	434.61	392.05		4481.33
<u>SOUTHERN CALIFORNIA GAS COMPANY</u>															
35/144-14F025	FLPSA	.26	.45	.07	0	.04	.02	.21	.64	.71	.49	.70	.82		4.53
45/144-14F025	10021	.15	.20	.04	.25	.04	0	.14*	.32*	.17*	.22*	.46*	.37*		2.28
45/144-27H025	14H51	.05*	.08*	.07*	1.43	.07*	.05*	.05*	.11*	.05*	.05*	.07*	.07*		.99
TOTALS		.46	.71	.22	.34	.20	.04	.41	1.07	.05	.80	1.23	1.26		7.80
<u>SOUTHERN CALIFORNIA WATER COMPANY</u>															
35/144-3H025	YU001	14.76	2.74	1.27	3.94	17.51	13.72	7.94	16.76	19.65	27.07	38.57	47.93		214.65
35/144-3H025	YU002	18.47	7.84	6.46	5.45	18.47	18.47	18.47	18.47	18.47	18.47	18.47	18.47		825.48
35/144-3H025	YU003	27.26	21.86	22.21	28.16	44.46	40.31	72.10	40.36	43.26	42.15	42.02	50.51		762.70
35/144-6H015	T-001	6.25	2.74	.02	.43	5.02	.35	0	1.66	.56	.76	40.91	50.67		240.43
35/144-11C025	T-001	21.54	34.09	34.23	36.72	14.92	32.66	49.43	49.46	43.07	44.72	37.67	17.44		440.17
35/144-13H025	H0003	72.14	82.17	78.20	61.95	14.83	77.00	101.22	98.12	50.92	50.92	29.64	75.95		759.95
35/144-13J035	S0003	44.549	46.769	30.11	62.15	38.15	40.44	34.75	38.69	40.92	32.75	18.82	0		431.93
35/144-13J045	S0004	16.58	21.26	22.74	4.92	4.60	9.29	14.84	20.39	23.44	76.28	39.90	32.92		248.97
35/144-14H015	F-0001	40.97	55.850	0	50.57	51.05	51.44	56.52	52.14	4.26	1.23	0	0		362.92
35/144-14H015	129	1.07	0	0	0	0	0	16.74	18.03	1.07	0	0	0		36.95
35/144-21H015	C-0001	54.37	49.46	.12	0	14.04	50.10*	40.46	68.99	4.61	.10	0	0		296.58
35/144-22A015	C-0001	49.47	10.82	27.24	13.34	31.71	31.01	76.82*	33.84	42.95	46.30	32.66			411.25
35/144-22A025	C-0002	61.21	26.40	0.03	11.12	17.12	29.47	48.04	81.95	61.52	54.39	41.71			521.71
35/144-22L015	C-0001	0	0	0	0	54.24	40.76	23.72	78.33	13.36	.05	0	0		265.46
35/144-25H045	D-0001	44.168	42.62	43.12	41.84	55.82	57.14	61.55	55.29	28.15	40.29	34.15	12.06		614.25
TOTALS		117.20	555.45	410.79	394.24	455.01	601.67	634.81	728.20	544.09	540.43	504.93	353.06		4433.80
<u>SHARKLETT'S DRINKING WATER CORP</u>															
35/134-29H045	1	3.70	3.33	3.14	3.44	2.71	3.06	3.33	5.01	4.04	5.02	5.45	4.65		46.92
35/134-29H075	2	2.77	2.50	1.41	2.50	2.31	2.81	3.06	3.14	2.17	3.15	3.24	2.84		37.56
TOTALS		6.47	5.91	5.11	5.04	5.04	5.87	6.39	8.15	6.21	8.17	8.73	7.49		79.48
<u>STAFFORD CHEMICAL COMPANY</u>															
45/134-10C025	00014	47.54	44.49	45.82	42.85	37.10	38.40	41.33	39.24	37.34	33.10	33.98	44.62		466.55
<u>TEXACO INCORPORATED</u>															
45/134-22F025	H-001	13.35	12.92	12.49	12.66	11.42	12.14	17.36	12.74	12.77	18.82	15.19	15.08		160.94
45/134-22F055	H-002	9.464	0	44.47	0	0	0	0	0	0	0	3.54	0		94.43
45/134-27H055	A	293.50	313.01	294.17	230.70	147.54	271.03	184.91	273.61	305.50	342.02	307.27	297.27		3349.64
TOTALS		353.27	325.97	318.13	241.45	148.48	241.17	172.27	288.35	714.27	758.84	326.00	312.35		3645.01

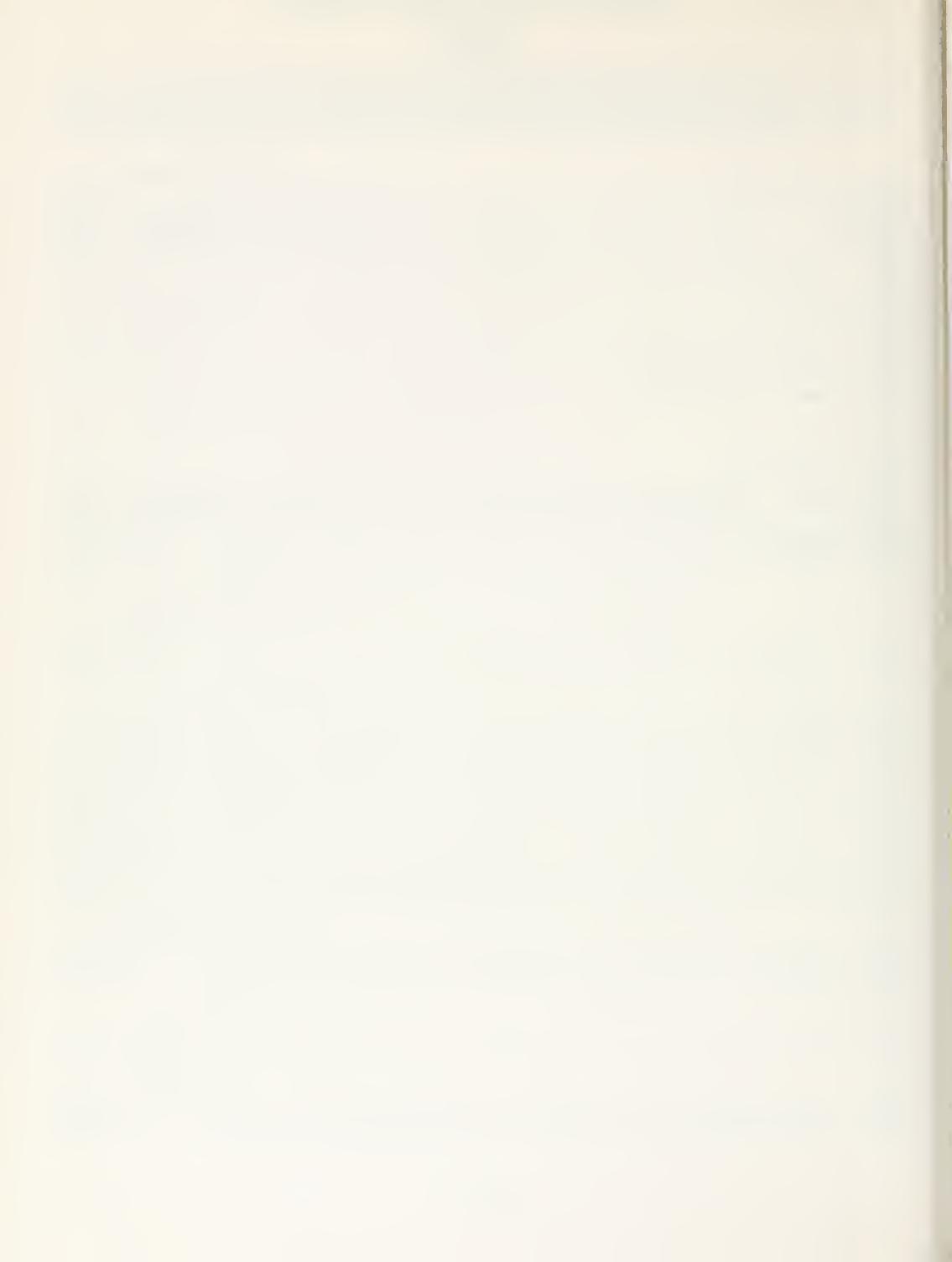
## APPENDIX B. GROUND WATER EXTRACTIONS

In acre-feet

(Continued)

STATE	OWNER	DESIGN	PRODUCTION												TOTAL
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	
<u>TRIBORNE, CITY OF</u>															
35/14W-14C025	6	.32	0	0	0	0	0	15.12	81.90	140.99	217.39	187.16	34.18	723.05	
45/14W-10J015	2	.03	.07	.07	.02	.03	.02	.03	.02	19.57	49.11	77.50	.03	166.46	
45/14W-10K025	4	38.16	6.68	4.05	0	14.65	.04	37.32	144.94	253.81	292.09	311.47	222.15	1345.17	
45/14W-10K035	5	10.68	.10	.10	.10	20.33	.08	70.01	343.26	779.44	306.14	338.64	142.11	1571.04	
TOTALS		49.19	6.61	4.22	1.12	34.01	.14	114.48	592.14	793.81	466.71	914.82	402.47	3785.72	
<u>UNION NURSERY INC</u>															
35/13W-29G0045	831AR	2.33	1.81	1.31	1.17	1.67	1.77	2.53	2.84	2.14	2.84	2.94	2.54	26.04	
<u>UNION OIL COMPANY OF CALIFORNIA</u>															
45/13W-21P015	LAND	103.05	94.62	94.05	92.30	76.84	80.25	69.71	67.72	57.25	56.50	51.79	54.80	894.88	
<u>UNITED STATES STEEL CORPORATION</u>															
45/14W-11G005	5	118.61	105.67	95.53	86.03	77.05	80.01	105.22	102.29	92.71	103.01	101.32	99.82	1170.27	
<u>ZELLER, MAXWELL T.</u>															
35/13W-31M015	813N	2.14	1.48	.57	.48	1.21	.84	2.44	2.76	3.75	1.65	4.24	2.93	26.42	
<b>GRAND TOTALS</b>		<u>4563.17</u>	<u>3914.80</u>	<u>3814.49</u>	<u>3581.77</u>	<u>3646.47</u>	<u>4011.38</u>	<u>4256.34</u>	<u>5514.22</u>	<u>5460.68</u>	<u>5571.44</u>	<u>5476.42</u>	<u>4614.08</u>	<u>54966.10</u>	

\*ESTIMATED PRODUCTION



APPENDIX C  
CHANGES IN WELL STATUS 1973-74

Wells Drilled

- None -

Wells Destroyed

3S/13W-32E02	Sheets, Esther M.
3S/14W-08D03	Los Angeles County Waterworks District No. 22
4S/14W-27N02*	Rolling Hills Vista
4S/14W-28J01*	Rolling Hills Vista

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\*Wells were formerly owned by Chandlers  
Palos Verdes Sand and Gravel Corporation









